

Appendix E
Hazardous Materials



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October 11, 2012

Mr. George Candler
Associate Vice President, Planning and Construction
The Rockefeller University
1230 York Avenue
New York, NY 10021

Re: Phase I Environmental Site Assessment
Rockefeller University New Laboratory Building – New York, New York
AKRF Project Number 11609

Dear Mr. Candler:

AKRF, Inc. is pleased to submit this Phase I Environmental Site Assessment Report for the above-referenced property. This report includes the findings of a reconnaissance of the property, an evaluation of readily available historical information, and selected environmental databases and electronic records. AKRF, Inc. met the requirements of American Society for Testing and Materials (ASTM) as established by ASTM Standard E1527-05 unless noted otherwise in Section 8.0: "Limitations and Data Gaps."

We appreciate the opportunity to provide you with our services. If you should have any questions or comments regarding the enclosed report, please do not hesitate to contact us.

Sincerely,
AKRF, Inc.

A handwritten signature in blue ink, appearing to read 'Marcus Simons'.

Marcus Simons
Senior Vice President

A handwritten signature in blue ink, appearing to read 'Asya Bychkov'.

Asya Bychkov
Environmental Engineer

Enc.

Rockefeller University - New Laboratory Building

Tax Block 1480, part of Lot 10

NEW YORK, NEW YORK

Phase I Environmental Site Assessment

AKRF Project Number: 11609



Prepared for:

The Rockefeller University
1230 York Avenue
New York, NY 10021

Prepared by:



AKRF, Inc.
440 Park Avenue South
New York, NY 10016
212-696-0670

OCTOBER 2012

EXECUTIVE SUMMARY

AKRF, Inc. (AKRF) was retained by The Rockefeller University to perform a Phase I Environmental Site Assessment (ESA) of a Property consisting of portions of the Rockefeller University campus (Tax Block 1480, Lot 10) and the east-adjacent FDR Drive in Manhattan. The general location of the Property is shown on Figure 1, with the Property boundaries in Figure 2.

This Phase I Environmental Site Assessment was performed in conformance with ASTM Standard E1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice*. Any exceptions to, or deletions from, this practice are described in Section 8.0. The term “Recognized Environmental Condition” means the presence or likely presence of hazardous substances or petroleum at the property, including the ground, groundwater, or surface water at or under the property.

At the time of AKRF’s reconnaissance, the Property was occupied by asphalt-paved walkways, landscaped areas, a parking lot with a concrete shelter structure and a construction trailer staging area on the Rockefeller University campus, and by a portion of FDR Drive adjacent to the campus. The main Rockefeller University campus was adjacent to the Property. A pedestrian esplanade was east-adjacent to the FDR Drive portion of the Property, with the East River beyond. The greater surrounding area included residential, office, commercial and institutional (university, hospital, school and church) uses.

This assessment revealed the following, including evidence of Recognized Environmental Conditions (the first two bullets) and other environmental concerns that are not considered RECs in accordance with ASTM E1527-05:

- The Property was historically occupied by vacant land, a swimming school, a stone yard with a machine shop, part of a hospital and a portion of a street. The eastern edge of the Property was filled with materials of unknown origin in the early 20th century. By the early 20th century, the Property was occupied by portions of the Rockefeller University campus, including an animal house, a “horse yard” and vacant land in the eastern portion, and a recreation area in the western portion. By 1928, part of the Rockefeller University Power House was shown on historical land use maps in the western portion of the Property; the reconnaissance indicated that the Power House is located below Property grade and extends beneath several adjacent buildings. FDR Drive was constructed in the eastern portion of the Property by 1951. Historical land use maps showed the eastern portion of the Property as vacant land in 2004, and showed the western portion as a parking lot with a parking shelter built in 1958.
- The surrounding area was mixed-use, with residential, educational, medical and commercial uses shown in the early 20th century, and development of the Rockefeller University campus and nearby large hospitals and research facilities throughout the 20th century. The regulatory database identified The Rockefeller University and other nearby hospitals and research facilities as generators of hazardous waste. Information provided by The Rockefeller University representatives indicated that on-campus laboratories produce chemical, biological and radioactive waste, whose disposal is managed by the Rockefeller University Department of Laboratory Safety and Environmental Health in accordance with applicable regulations. Laboratories and/or maintenance facilities with chemical storage were reportedly located in some buildings which may be connected to the proposed new laboratory building.
- A Subsurface (Phase II) Investigation was conducted by AKRF on the Rockefeller University campus in 2007. The investigation was conducted in preparation for renovation and new construction in portions of the campus, and included the collection of soil samples for laboratory analysis for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, PCBs, and

Target Analyte List (TAL) metals. No samples were collected from the Property, but the nearest sampling locations were located west of the Property at the current location of the Collaborative Research Center (CRC). Laboratory analytical results indicated only minor soil contamination typical of urban fill, with no evidence of a spill or release.

- During the reconnaissance, no evidence of petroleum storage tanks was noted on the Property. Regulatory listings and interviews indicated that nine petroleum aboveground storage tanks (ASTs) and one underground storage tank (UST) were present elsewhere on the Rockefeller University campus. Five ASTs were located in close proximity to the Property and were noted to be in good condition with no evidence of a release. All previously reported spills were minor and had been closed (i.e., cleaned up) to the satisfaction of the NYS Department of Environmental Conservation. Based on these observations, regulatory listings and tank locations, The Rockefeller University tanks are unlikely to have affected subsurface conditions beneath the Property.
- Lead-based paint may be present on the on-site parking shelter. Some peeling paint was noted on the shelter ceiling. Lead-based paint may also be present in existing building areas that would be disturbed for connections to the proposed laboratory building. Painted surfaces in typical interior areas of buildings that may be connected to the laboratory were observed to be in good condition.
- No suspect asbestos-containing materials (ACM) were noted on the Property. However, suspect ACM (e.g., electrical equipment components and pipe insulation) may be present in buried utilities beneath the Property. Suspect ACM may also be present in existing building areas that would be disturbed for connections to the proposed laboratory building. Suspect ACM observed in the inspected portions of the Hospital and Nurse Buildings and the Power House included thermal pipe insulation, 12-inch by 12-inch vinyl floor tiles and associated mastic, 24-inch by 24-inch suspended ceiling tiles, and window caulking and glazing in the Hospital Building. The observed suspect ACM were in good condition. Asbestos surveys and abatements have reportedly been conducted as part of renovation activities in Smith Hall/Smith Hall Annex and Flexner Building.
- No suspect polychlorinated biphenyl (PCB) - containing equipment was noted on the Property. However, suspect PCB-containing electrical utilities (e.g., feeder lines) may be present beneath the Property. In addition, suspect PCB-containing electrical equipment and/or fluorescent lighting fixtures may be present in existing building areas that would be disturbed for connections to the proposed laboratory building.

RECOMMENDATIONS

- Hazardous waste produced by The Rockefeller University is managed by the Rockefeller University Department of Laboratory Safety and Environmental Health in accordance with the applicable regulations. However, there is some potential for (more likely historical) releases from The Rockefeller University or other nearby hospital/research facilities to have affected subsurface conditions beneath the Property. Fill materials of unknown origin may also be present beneath the Property, although past testing in other portions of the Rockefeller University campus identified no significant soil contamination associated with fill materials. AKRF recommends a subsurface investigation involving the collection and laboratory analysis of subsurface samples from areas where excavation is proposed. It is possible that this investigation may uncover evidence of a petroleum spill or other situation reportable to NYSDEC and/or other regulatory agencies.
- During any future subsurface disturbance, excavated soil should be handled and disposed of in accordance with applicable regulatory requirements. If dewatering is necessary for the proposed

construction, water should be discharged in accordance with New York City Department of Environmental Protection (NYCDEP) requirements.

- Unless information exists that suspect ACM do not contain asbestos, prior to any activities with the potential to disturb suspect ACM, an asbestos survey of the areas to be disturbed should be conducted and any ACM that would be disturbed should be removed and disposed of in accordance with local, state and federal requirements.
- Any activities with the potential to disturb lead-based paint must be performed in accordance with applicable requirements (including federal Occupational Safety and Health Administration regulation 29 CFR 1926.62 - *Lead Exposure in Construction*).
- Unless there is labeling or test data indicating that suspect PCB-containing electrical equipment and fluorescent lighting fixtures do not contain PCBs, and that fluorescent lighting bulbs do not contain mercury, if disposal is required, it should be conducted in accordance with applicable federal, state and local requirements.
- Any chemicals, biological waste and radioactive waste requiring disposal in areas that would be disturbed by the proposed project should be properly disposed of in accordance with applicable requirements.

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Appendix B - Historical Sanborn Maps
Appendix C - Regulatory Records Review
Appendix D - 2007 Subsurface (Phase II) Investigation

1.0 INTRODUCTION

AKRF, Inc. (AKRF) was retained by The Rockefeller University to perform a Phase I Environmental Site Assessment of a Property consisting of portions of the Rockefeller University campus (Tax Block 1480, Lot 10) and the east-adjacent FDR Drive in Manhattan (see Figures 1 and 2).

At the time of AKRF's reconnaissance, the Property was occupied by asphalt-paved walkways, landscaped areas, a parking lot with a concrete shelter structure and a construction trailer staging area on the Rockefeller University campus, and by a portion of FDR Drive adjacent to the campus. The main Rockefeller University campus was adjacent to the Property. A pedestrian esplanade was east-adjacent to the FDR Drive portion of the Property, with the East River beyond. The greater surrounding area included residential, office, commercial and institutional (university, hospital, school and church) uses.

The scope of services for this assessment was in conformance with ASTM Standard E1527-05 (*Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice*). Any exceptions to, or deletions from, this practice are described in Section 8.0. The scope included the following:

- Observations of the Property (reconnaissance) to identify potential sources or indications of hazardous substances, including: above-ground storage tanks (ASTs); underground storage tanks (USTs); tank vents and fill ports; transformers and other items that could contain polychlorinated biphenyls (PCBs), drums or areas where hazardous materials were used, stored, or disposed; stained surfaces and soils; stressed vegetation, leaks, and odors. In addition, neighboring properties were viewed, but only from public rights-of-way, to identify similar concerns.
- Readily available geological and groundwater (hydrogeological) information was evaluated to assist in determining the potential for contamination migration within, from, and onto the Property.
- The reconnaissance of the Property included preliminarily identifying visible suspect asbestos-containing materials (ACMs) and the potential for lead-based paint. However, no samples were collected or analyzed.
- A state database of radon concentrations was used to determine whether indoor radon levels in the general area (data are by county) generally comply with United States Environmental Protection Agency (USEPA) guidelines.
- Historical fire insurance maps for the Property and adjacent properties were reviewed to evaluate historic land uses.
- The following federal regulatory databases were reviewed to determine the regulatory status of the Property and other properties within the ASTM-defined radii: National Priority List (NPL); Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS); Emergency Response Notification System (ERNS); Toxic Chemical Release Inventory System (TRIS); the Permit Compliance System of Toxic Wastewater Discharges (WWD); the Air Discharge Facilities Index (ADF) and the USEPA Civil Enforcement Docket. The federal listing of facilities which are subject to corrective action under the Resource Conservation and Recovery Act (CORRACTS) is discussed with the State databases of RCRA listings.
- The following state regulatory databases were reviewed to determine the regulatory status of the Property, adjacent properties, and properties within a predetermined study area; the listings of hazardous material spills (SPILLS); Resource Conservation and Recovery Act Notifiers (RCRA); Chemical Bulk Storage (CBS); Solid Waste Facilities (SWF); Petroleum Bulk Storage (PBS); State

Inactive Hazardous Waste Disposal Sites (SHWS); Major Oil Storage Facilities (MOSF); Brownfield Sites; and Historic Utility Sites.

- A review of New York City Fire Department (obtained as part of the database search) and online Buildings Department records for the Property was conducted to obtain information likely to be pertinent to this assessment.

2.0 PHYSICAL SITE DESCRIPTION

On September 7, 2012, Ms. Asya Bychkov of AKRF conducted a reconnaissance of the eastern portion of the Property (the site of the future laboratory). Neighboring properties were also viewed, but only from public rights-of way. Mr. George Candler, the Associate Vice President for Planning and Construction, and Mr. Frank Schaefer, Director of Laboratory Safety and Environmental Health at The Rockefeller University, provided access to the Property and answered pertinent questions. The weather was clear and approximately 80 °F, the visibility good, and the premises adequately illuminated.

On September 26, 2012, Ms. Amy Diehl Crader of AKRF conducted a reconnaissance of the western portion of the Property (the site of the future recreational building). Neighboring properties were also viewed, but only from public rights-of way. Mr. Candler provided access to the Property and answered pertinent questions. The weather was cloudy and approximately 75 °F, the visibility good, and the premises adequately illuminated.

Photographs from the reconnaissance are included in Appendix A.

2.1 General Site Conditions

At the time of the reconnaissance, the eastern portion of the Property was occupied by asphalt-paved or landscaped areas on the Rockefeller University campus and an asphalt-paved portion of FDR Drive east-adjacent to the campus. Portions of the on-campus areas were surrounded by construction fencing for renovations to existing buildings. FDR Drive was approximately 30 to 45 feet below the grade of the campus, separated from it by a stone retaining wall which incorporated the walls of several buildings adjacent to the eastern portion of the Property.

The western portion of the Property was occupied by an asphalt-paved parking area partially covered by a concrete shelter. The shelter roof was occupied by a seating and walkway area with a stone tile floor, and a tennis court surrounded by chain-link fencing. The shelter ceiling had some peeling paint. The western portion of the parking area was occupied by construction trailers for ongoing Rockefeller University construction/renovation projects. Patched asphalt noted in the trailer parking area appeared to be associated with past pavement repair. A small storage cage for gas cylinders and a dumpster containing recyclable trash (paper and cardboard) were noted in the trailer parking area.

Mr. Candler indicated that the Smith Hall/Smith Hall Annex, Welch Hall, Hospital and Nurse Buildings, and/or the Power House may be connected to the new laboratory building (most likely via sub-grade levels). However, while the locations of these potential connections have not been finalized, only minimal disturbance of existing buildings is anticipated. During the September 7 reconnaissance, portions of the Hospital and Nurse Buildings and the Power House anticipated to be disturbed for connections to the new laboratory building were toured.

The Power House, located underground beneath a portion of the Property, the Hospital Building and several buildings further east, provided steam heat for the entire Rockefeller University campus and included a chiller plant. Chemical storage observed in the Power House included

storage of gas cylinders and 55-gallon drums of water treatment chemicals, waste oil and glycol for the chiller plant. No odors or staining were noted in the chemical storage areas. No petroleum storage tanks were located on the Property or in the portion of the Power House underlying the Property. The nearest tanks to the Property were a 275-gallon diesel aboveground storage tank (AST) in the Hospital Building and four 18,500 to 20,000-gallon fuel oil ASTs in the Power House, which were observed and noted to be in good condition. Mr. Candler and Mr. Schaefer indicated that the Nurse Building also had maintenance areas with chemical storage, including a heating, ventilation and air-conditioning (HVAC) shop for maintenance of Freon-containing equipment, and that laboratories were historically located in the Nurse Building and are currently present in Flexner Hall and Smith Hall/Smith Annex.

2.2 Topography and Hydrogeology

Based on a survey provided by Langan Engineering and Environmental Services (Langan), the western portion of the Property lies at an elevation of approximately 33 feet above Manhattan Borough Datum (MBD). The eastern portion of the Property consists of an on-campus area (with an elevation of approximately 35 to 50 feet MBD) separated by a retaining wall from the on-site portion of FDR drive (with an elevation of approximately 6 to 6.5 feet MBD). MBD is approximately 2.75 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The campus generally slopes up toward the east. However, based on U.S. Geological Survey mapping, surface topography in the greater surrounding area slopes down to the east along East 68th Street. The survey indicated tunnels on-campus beneath the eastern portion of the Property, as shown on Figure 2. The southern portion of the proposed laboratory building is located over a portion of the existing Power House.

Based on USGS mapping, bedrock elevation beneath the Property is approximately 20 feet MBD. Previous studies summarized in Section 7.0 identified the presence of fill materials of unknown origin beneath the Rockefeller University campus. The previous studies and information provided by Mr. Robert Garino of Langan indicated that bedrock depth beneath the Rockefeller University campus ranges from approximately 2 to 23 feet below grade, and that bedrock is expected approximately 30 feet below grade in the FDR Drive area.

The previous studies indicated that groundwater perched on shallow bedrock has been encountered beneath the Rockefeller University campus. Groundwater beneath FDR Drive is expected to be shallow due to its proximity to East River. Groundwater most likely flows in an approximately easterly direction toward the East River but is likely tidally influenced. However, actual groundwater flow can be affected by many factors, including past filling activities, underground utilities and other subsurface openings or obstructions such as basements, bulkheads, tunnels and underground parking garages, bedrock geology, tidal fluctuations, and other factors beyond the scope of this study. Groundwater in Manhattan is not used as a source of potable water.

2.3 Storage Tanks

2.3.1 Underground Storage Tanks (USTs)

During the reconnaissance, no evidence, such as vent pipes, fill caps, or concrete patches, was observed that would indicate USTs are or were present on the Property. The review of regulatory databases and computerized NYC Fire Department records did not reveal any records relating to USTs on the Property. Since no specific address exists for the Property, no Buildings Department records were identified for the Property.

Off-site USTs are discussed in Section 5.2.2.

2.3.2 Aboveground Storage Tanks (ASTs)

During the reconnaissance, no evidence, such as tanks or vaults likely to contain tanks, vent pipes or fill caps was observed during the reconnaissance to indicate that ASTs are or were present on the Property. The review of regulatory databases and computerized NYC Fire Department records did not reveal any records relating to ASTs on the Property. Since no specific address exists for the Property, no Buildings Department records were identified for the Property.

Regulatory records identified nine ASTs on the Rockefeller University campus. Interviews and the reconnaissance indicated that these ASTs are all located off-site. The nearest ASTs to the Property were a 275-gallon diesel AST in the Hospital Building, west-adjacent to the western portion of the Property, and four 18,500 to 20,000-gallon fuel oil ASTs in the Power House, approximately 175 feet west of the Property beneath the Rockefeller Research Building (RRB). The ASTs discussed in Section 2.1 above are also discussed in Section 5.2.2, as are other off-site ASTs.

2.4 Polychlorinated Biphenyls (PCBs)

Until 1979, polychlorinated biphenyls (PCBs), which provided beneficial insulating properties, were manufactured for use in a wide variety of products, primarily in electrical equipment such as transformers, capacitors, fluorescent light fixtures (especially ballasts), and voltage regulators, but also in hydraulic fluids and some other products.

No suspect PCB-containing equipment was noted on the Property. However, suspect PCB-containing electrical utilities (e.g., feeder lines) may be present beneath the Property. In addition, suspect PCB-containing electrical utilities and/or fluorescent lighting fixtures may be present in existing building areas that would be disturbed for connections to the proposed laboratory building.

2.5 Lead-Based Paint

After 1977, the use of lead-based paint inside the interiors of commercial structures was also restricted and its use elsewhere became much less common, but lead-based paint may still sometimes be used outdoors. Lead-based paint can present a hazard, particularly to children and especially when it is in a deteriorating condition.

Based on the age of the parking shelter, lead-based paint may be present on this structure. Painted surfaces on this structure were noted to be in good to poor condition, with some peeling paint. Lead-based paint may also be present in existing building areas that would be disturbed for connections to the proposed laboratory building. Painted surfaces in typical interior areas of buildings that may be connected to the laboratory were observed to be in good condition. At the time of the reconnaissance, the Property did not include residential occupancy, child care facilities or other facilities where the extended presence of children would be expected.

Activities (such as renovation or demolition) with the potential to disturb lead-based paint are subject to a variety of requirements, including US Occupational Safety and Health Administration regulation 29 CFR 1926.62 (Lead Exposure in Construction).

2.6 Utilities

The Property and the remainder of the Rockefeller University campus were supplied with electricity and connected to the municipal water supply and combined sewer systems. No storm drains were noted on the Property.

2.7 Waste Management and Chemical Handling

A small storage cage for gas cylinders and a dumpster containing recyclable trash (paper and cardboard) were noted in the trailer parking area. No other waste or chemical storage was noted on the Property.

Based on observations, interviews, and/or waste management information provided by Rockefeller University staff, several laboratories were located on the Rockefeller University campus. Mr. Candler and Mr. Schaefer indicated that some buildings adjacent to the eastern portion of the Property included laboratories and/or maintenance areas with chemical storage, and that chemicals, biological waste and radioactive waste were produced on-campus. No odors or staining were noted in the chemical storage areas of the Power House, which were toured during the reconnaissance.

Information provided by The Rockefeller University indicated that wastes requiring special disposal are handled and disposed of under the direction of the Rockefeller University Department of Laboratory Safety and Environmental Health as follows:

- All hazardous chemical wastes from Rockefeller University are collected and disposed of through centralized systems. Potentially hazardous chemical wastes are properly containerized and labeled, collected from the laboratories, and held in a chemical waste accumulation area. The wastes are regularly removed by licensed contractors for incineration or disposal off-site. The Rockefeller University is classified by the U.S. EPA as a Large Quantity Generator of hazardous wastes.
- Regulated medical wastes are containerized in accordance with all applicable regulations and labeled and taken to a central collection location, where they are picked up by a permitted hauler for incineration off-site. Aqueous biological waste is chemically disinfected on site and released to the sewer in accordance with applicable regulations. Solid waste from certain operations is autoclaved before removal from the laboratory, but is still shipped as regulated medical waste with a permitted hauler.
- All radioactive wastes with short half-lives (less than or equal to 90 days) are stored until their radioactivity decays to acceptable levels. Solid materials with half-lives greater than 90 days are properly labeled and containerized and transported for off-site disposal at a permitted radioactive waste disposal site. Liquid aqueous waste with half-lives greater than 90 days is released to the sewer in accordance with local regulations and the conditions of the University's radioactive materials license.

2.8 Radon

Radon is a colorless, odorless gas most commonly produced by the radioactive decay of certain rocks. According to a New York State Department of Health database, the average level of radon found in basements in Manhattan is 2.15 picocuries/liter, below the USEPA recommended action level of 4.0 picocuries/liter.

3.0 ASBESTOS-CONTAINING MATERIALS (ACM)

Asbestos is a name applied to a group of natural minerals, with particularly good fire resistant and insulation properties. In addition to insulation/fireproofing products, it is also commonly found in vinyl flooring, plaster, sheetrock, joint compound, ceiling tiles, roofing materials, gaskets, mastics, caulks and a range of other products. Materials containing more than one percent asbestos are considered asbestos-containing materials (ACM). ACM are classified as friable or non-friable: friable (e.g., most spray-on fireproofing) ACM more readily release asbestos fibers than non-friable ACM (e.g., vinyl flooring and most roofing materials).

The reconnaissance was conducted by Ms. Asya Kleyn, a New York State-certified asbestos inspector. Visible suspect ACM were noted if they were observed. However, this reconnaissance was not intended to and may not have identified all visible suspect ACM. In addition, suspect ACM may be present in areas not visible during the reconnaissance (e.g., in areas hidden behind walls, under flooring, behind walls, above suspended ceilings, in areas which were inaccessible during the reconnaissance, etc.) The observations made during the reconnaissance do not constitute and cannot substitute for an asbestos survey which is a comprehensive study with laboratory testing. Prior to implementing an activity which could disturb suspect ACM (e.g., renovation or demolition), a NYC-certified asbestos investigator must inspect the areas and conduct testing, as necessary, to determine whether the activity would disturb ACM. Any such ACM must be removed prior to the activity. There are also requirements that all suspect ACM be maintained in good condition regardless of whether they are to be disturbed by a project.

No suspect ACM were noted on the Property. However, suspect ACM (e.g., electrical equipment components and pipe insulation) may be present in buried utilities beneath the Property.

Suspect ACM may also be present in existing building areas that would be disturbed for connections to the proposed laboratory building. Suspect ACM observed in the inspected portions of the Hospital and Nurse Buildings and the Power House included thermal pipe insulation, 12-inch by 12-inch vinyl floor tiles and associated mastic, 24-inch by 24-inch suspended ceiling tiles, and window caulking and glazing in the Hospital Building. The observed suspect ACM were in good condition. According to Mr. Candler and Mr. Schaefer, asbestos surveys and abatements were conducted as part of renovation activities in Smith Hall/Smith Hall Annex and Flexner Building. Copies of the associated records were not provided to AKRF for review. A copy of the Rockefeller University Asbestos Operations and Maintenance Program was provided to AKRF.

4.0 ADJACENT LAND USE

The remainder of the Rockefeller University campus was adjacent to the Property. A pedestrian esplanade was east-adjacent to the eastern portion of the Property, with the East River beyond. The surrounding area included residential, office, commercial and institutional (university, hospital, school and church) uses.

5.0 PROPERTY HISTORY AND RECORDS REVIEW

5.1 Prior Ownership and Usage

5.1.1 Historical Land Use maps

Historical insurance maps were reviewed for indications of uses (or other evidence) suggesting hazardous materials generation, usage or disposal on or near the Property.

Specifically, Sanborn Fire Insurance Maps from 1892, 1907, 1922, 1928, 1951, 1976, 1988 and 2004 were reviewed.

1892

The eastern portion of the Property was vacant except for a small swimming school, and was partially located within the East River. The western portion of the Property was occupied by a stone yard with a one-story structures.

The surrounding area was developed with mid-rise buildings with unspecified uses, commercial and manufacturing uses, and institutional uses (schools and a hospital). The current location of the Rockefeller University campus, west-adjacent to the Property, was vacant except for a few buildings with unspecified uses. An ice yard, a wagon yard, a coal house, stables, and a malt house were shown on the block south of the Property. A Consolidated Gas Co. facility with three manufactured gas holders occupied the majority of the block southwest of the Property, across York Avenue (labeled as Avenue A) and East 63rd Street.

1907

The eastern portion of the Property was occupied by portions of a one-story children's hospital, the campus of the Rockefeller Center for Medical Research (including vacant campus areas and part of a building labeled "animal house"), and Exterior Street (now the approximate location of the FDR Drive). The western portion of the Property consisted of a three-story stone yard with a machine shop.

A brewery, a wagon repair shop, part of the Rockefeller Center for Medical Research (including the current Founders Hall, labeled as a laboratory), a children's hospital and vacant land occupied the off-site portion of the existing Rockefeller University campus. A Consolidated Gas Co. store yard was shown two blocks south of the Property. Land to the west of York Avenue was more densely developed with dwellings, schools, stone yards and "segar" (possibly cigar) factories. No further significant changes from the 1892 map were noted in the surrounding area.

1922

The Property and surrounding area were shown with a low level of detail due to the scale of the map. No significant changes from the 1907 map were noted.

1928

The Property and surrounding area were shown with a low level of detail due to the scale of the map. The eastern portion of the Property was partially occupied by a structure which appears to be the current Rockefeller University Power House. No further significant changes from the 1922 map were noted.

1951

The eastern portion of the Property was occupied by vacant areas, a horse yard and part of the Power House for the Rockefeller Institute for Medical Research, and by FDR Drive. The western portion of the Property was occupied by a recreation area for the Rockefeller Institute, with a running track and "play sheds".

The Rockefeller Institute for Medical Research was shown to have expanded compared to the 1928 map and included a hospital, laboratories, greenhouses, recreation areas and

open space. Cornell Medical College and the New York Hospital were shown north of the Property across East 68th Street. The Memorial Hospital was shown west of the Property across York Avenue, between East 68th and East 67th Streets. A large factory and a Consolidated Edison (ConEd) facility were shown south of the Property across East 63rd Street. A filling station was shown west of the Property across York Avenue, on East 64th Street. The former gas holder facility to the southwest was occupied by vacant land, a garage, auto dealerships and offices.

1976

The eastern portion of the Property remained similar to the 1951 map. The western portion of the Property was occupied by a parking lot and a parking shelter built in 1958.

New structures were shown on the Rockefeller Institute for Medical Research campus, which had expanded to occupy the entirety of the existing campus and included laboratories, a hospital, classroom buildings and dormitories. A Rockefeller University dormitory occupied the block south of the Property beyond East 63rd Street. New hospital buildings were shown west of the Property beyond York Avenue. No further significant changes from the 1951 map were noted in the surrounding area.

1988

The Property and the surrounding area remained similar to the 1976 map.

2004

The eastern portion of the Property was occupied by vacant portions of the Rockefeller Institute campus. The western portion of the Property remained similar to the 1988 map. No significant changes from the 1988 map were noted in the surrounding area.

To summarize, the Sanborn maps indicated that the Property historically included vacant land, a swimming school, a stone yard with a machine shop, part of a hospital and a portion of Exterior Street. The eastern edge of the Property was filled with materials of unknown origin in the early 20th century. By the early 20th century, the Property was occupied by portions of the Rockefeller University campus, including an animal house, a “horse yard” and vacant land in the eastern portion, and a recreation area in the western portion. By 1928, part of the Rockefeller University Power House was shown in the western portion of the Property; the reconnaissance indicated that the Power House is located below Property grade and extends beneath several adjacent buildings. The eastern portion of the Property was shown with its current use (vacant land) by 2004; the western portion was shown with its current use (parking and a parking shelter) by 1976.

The surrounding area was mixed-use, with residential, educational, medical and commercial uses shown in the early 20th century and development of the Rockefeller University campus and nearby large hospitals and research facilities throughout the 20th century. A manufactured gas holder facility, other industrial uses and auto-related facilities (auto repair, sales and filling stations) were historically shown southwest of the Property, but are not likely to have significantly affected subsurface conditions beneath the Property based on their distance and the anticipated groundwater flow direction.

5.1.2 Historical Aerial Photographs

Since historical fire insurance maps were available for the Property (and surrounding area) and these maps included information relating to land use, aerial photographs would,

most likely, not provide additional useful information relevant to the potential for recognized environmental conditions or other environmental concerns. As such, aerial photographs were not reviewed.

5.1.3 Property Tax Files and Zoning Records

Based on NYC Department of City Planning's Primary Land Use Tax Output (PLUTO) information provided by Toxics Targeting, Inc. of Ithaca, New York, the Rockefeller University campus, including part of the Property, is zoned as R9 and R10 (general residence districts). No block and lot information was identified for the portion of the Property located on FDR Drive.

5.1.4 Recorded Land Title Records

No title records were provided to AKRF.

5.1.5 Local Street Directories

City Directories consist of the names of businesses/residents listed at a given address, compiled from city and telephone directories. Since no physical address exists for the Property, no City Directory listings were reviewed. However, information about historical uses of the Property was available from historical land use maps.

5.2 Regulatory Review

Regulatory database information, as shown in Appendix B, was obtained from Toxics Targeting, Inc. of Ithaca, New York. The Introduction of Appendix B includes summaries of the databases searched, their radii around the Property and limitations of the data. The databases searched and associated radii were consistent with ASTM E1527-05.

5.2.1 Federal

The federal databases searched included the National Priority List (NPL); Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS); Emergency Response Notification System (ERNS); Toxic Chemical Release Inventory System (TRIS); the Permit Compliance System of Toxic Wastewater Discharges (WWD); the Air Discharge Facilities Index (ADF); and the USEPA Civil Enforcement Docket. The federal listing of facilities which are subject to corrective action under the Resource Conservation and Recovery Act (CORRACTS) is discussed with the State databases of RCRA listings.

National Priority List (NPL)

The NPL is the USEPA's compilation of some sites that probably require remedial action under the Superfund Program. NPL sites can pose a significant risk of stigmatizing surrounding properties and thus impacting property values.

No NPL sites were identified within a one-mile radius of the Property.

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

CERCLIS is a compilation of sites which the USEPA has investigated, or plans to investigate, pursuant to the Superfund Act of 1980 (CERCLA). As such, some of these sites may ultimately present concerns and others may not (but could still pose a perceived threat, thus affecting property values).

No CERCLIS sites were identified within a ½-mile radius of the Property.

Emergency Response Notification System (ERNS)

This federal database, compiled by the Emergency Response Notification System, records and stores information on certain reported releases of petroleum and other potentially hazardous substances.

Ten ERNS listings were identified as potentially located on the Property. Three of the listings pertained to a water main break on July 15, 1998, with locations reported as the intersection of East 68th Street and York Avenue, York Avenue between East 63rd and East 68th Streets, and FDR Drive. The break reportedly released asbestos to soil surrounding the broken pipe. Similar asbestos insulation-wrapped water pipe, or other utilities containing suspect ACM, may be located beneath the Property.

Based on listing details, the remaining ERNS listings were for off-site releases that were not likely to affect subsurface conditions beneath the Property.

Toxic Chemical Release Inventory System (TRIS)

The TRIS contains information reported by a variety of industries on their annual estimated releases of certain chemicals.

No TRIS sites were identified within a ¼-mile radius of the Property.

Permit Compliance System of Toxic Wastewater Discharge (WWD)

This database includes certain sites which discharge wastewater containing potentially hazardous chemicals.

No WWD facilities were reported within a ¼-mile radius of the Property.

United States Environmental Protection Agency Civil Enforcement Docket

This database tracks civil judiciary cases filed on behalf of the USEPA by the Department of Justice.

One facility was listed in the USEPA's Civil Enforcement Docket within a ¼-mile radius of the Property. The New York Presbyterian Hospital, located at 525 East 68th Street, approximately 340 feet north of the Property, was listed for a violation of the Clean Air Act related to nitrogen oxide discharges. The case was opened in 1998 and concluded with a fine in 1999. Based on the nature of the listing (discharges to air likely related to heating plant operations), this facility is not likely to have affected subsurface conditions beneath the Property.

Air Discharge Facilities Index (ADF)

This federal database includes information on certain air emission sources.

Two Air Discharge Facilities were identified within a ¼-mile radius of the Property as follows:

- Rockefeller University, located at 1230 York Avenue (potentially including the Property) was listed for potential emissions above applicable major source thresholds of nitric oxide (unknown regulatory compliance status) and nitrogen dioxide (listed twice, once with unknown compliance status and once as being in regulatory compliance).

- New York Presbyterian Hospital, located at 525 East 68th Street, approximately 335 feet north of the Property, was listed for potential emissions above applicable major source thresholds of nitrogen dioxide (listed twice, once as being in regulatory compliance and once as being in violation of compliance procedures).

Based on the nature of the listings (discharges to air likely related to heating plant operations), these facilities are not likely to have affected subsurface conditions beneath the Property.

5.2.2 State

The state records reviewed included the listings of hazardous material spills (SPILLS); Resource Conservation and Recovery Act Notifiers (RCRA); Chemical Bulk Storage (CBS); Solid Waste Facilities (SWF); Petroleum Bulk Storage (PBS); State Inactive Hazardous Waste Disposal Sites (SHWS); Major Oil Storage Facilities (MOSF); Brownfield Sites; and Historic Utility Sites.

New York SPILLS Database

This database includes releases reported to the NYSDEC, including tank test failures (for USTs only) and tank failures.

Seven closed-status spills were reported on the Rockefeller University campus. An approximately 100-gallon leak of hydraulic oil into a concrete elevator pit in Abby Hall was reported in August 2009, and was reportedly contained and cleaned up. Two releases of No. 6 fuel oil (approximately 30 to 40 gallons each) were reported in the Power House in May 2007 and July 2004, respectively, due to operator error. These releases were reportedly contained on concrete and cleaned up. The remaining Rockefeller University releases were less than 30 gallons in size and were reportedly contained and cleaned up. None of the releases appeared to have occurred on the Property.

In addition, 1,363 spills were reported within a ½-mile radius of the Property, including 78 active-status spills and 1,285 closed-status spills. The nearest spill listings with greater potential to impact the Property due to their proximity or presumed upgradient groundwater flow direction are summarized below:

- In July 1998, a release of asbestos to soil from the insulation on a broken water main was reported at the intersection of East 68th Street and York Avenue, approximately 55 feet north-northwest of the Property. The water main was reportedly repaired, and the listing was closed in February 2003.
- In February 1993, a spill was reported at Phipps Houses, located at 445 East 68th Street, approximately 255 feet north-northwest of the Property. The listing indicated that No. 6 fuel oil was noted in a pit near the building's boiler, possibly due to a fuel line leak. The leak was to be cleaned up and repaired. However, no further information was provided. The spill listing was closed in July 2000.
- A release of approximately 100 gallons of No. 6 fuel oil was reported at NY Hospital at 525 East 68th Street, approximately 345 feet north of the Property, in April 1989. The release reportedly occurred due to a tank overfill and was cleaned up, and the spill listing was closed in December 1992.
- A tank overfill in November 1988 resulted in an approximately 200-gallon release of No. 6 fuel oil at NY Hospital at East 71st Street, approximately 345 feet north of the

Property. According to the listing, the spill was contained. No further information was provided. The listing was closed two days after it was reported.

- In April 1992, an approximately 100-gallon spill of No. 6 fuel oil was reported at 1175 York Avenue, approximately 570 feet west-southwest of the Property. The spill reportedly entered a municipal sewer, and was pumped out. The listing was closed the day it was reported.

Based on listing details and status, distance and anticipated groundwater flow direction, neither the Rockefeller University spills nor other spills reported in the surrounding area are likely to have affected subsurface conditions beneath the Property. The spill listing reported at East 68th Street and York Avenue indicated that asbestos-containing materials may be present beneath the Property. Details from all spills are included in Appendix C.

Resource Conservation and Recovery Act (RCRA) Notifiers Listings

This database lists sites which have filed notification forms regarding hazardous waste activity, including: treatment, storage, and disposal facilities (TSDs); small-quantity (SQG) and large-quantity generators (LQG); and transporters regulated under RCRA. The discussion below includes any CORRACTS listings of facilities which are subject to corrective action under RCRA.

No TSD facilities were identified within a ½-mile radius of the Property. One CORRACTS site was identified within a one-mile radius of the Property. Based on its location more than 0.4 miles to the east-southeast across the intervening East River, this facility is not expected to have affected the Property.

The Rockefeller University, with an address of 1230 York Avenue, was listed as an LQG of various hazardous waste, including: laboratory chemicals; heavy metal wastes; ignitable, reactive and corrosive solid waste; spent halogenated and non-halogenated solvents; chloroform; cyanide; and PCB-contaminated solids between 1983 and 2012. Three RCRA violations were reported in 1992, 2006 and 2011, with returns to compliance within a month of each violation.

In addition, thirty-eight RCRA Generators/Transporters were reported within a ¼-mile radius of the Property. The nearest listings with some potential to affect the Property, based on location and/or nature of the listing, are given as follows:

- Weill Cornell Medical College and New York Presbyterian Hospital, both located at 1300 York Avenue, approximately 290 feet north of the Property, were listed as LQGs of various hazardous waste, including: laboratory chemicals; heavy metal wastes; ignitable, reactive and corrosive solid waste; spent halogenated and non-halogenated solvents; trichloroethylene; chloroform; cyanide; and PCB-contaminated solids between 1982 and 2012. Six RCRA violations were reported for New York Presbyterian Hospital in 2006, with returns to compliance within a year of each violation.
- Memorial Sloan Kettering Cancer Center, located at 1275 York Avenue, approximately 340 feet northwest of the Property, was listed three times as an LQG of various hazardous waste, including: laboratory chemicals; heavy metal wastes; ignitable, reactive and corrosive solid waste; spent halogenated and non-halogenated solvents; chloroform; cyanide; electroplating waste; and PCB-contaminated solids and oil between 1981 and 2012. Two RCRA violations were reported in 1985 and

2003, with returns to compliance within a year of each violation. Memorial Sloan Kettering and NYC Blood Center, located at the same address, was listed as an SQG of various hazardous waste, including: laboratory chemicals; heavy metal wastes; ignitable, reactive and corrosive solid waste; spent halogenated and non-halogenated solvents; chloroform; and cyanide between 2006 and 2010.

As noted in Section 2.7, hazardous waste produced by The Rockefeller University is managed by the Rockefeller University Department of Laboratory Safety and Environmental Health in accordance with applicable regulations. However, there is some potential for (historical) releases from The Rockefeller University and other facilities identified above to have affected subsurface conditions beneath the Property. The remaining facilities are unlikely to have affected the Property due to the nature of the listings and/or their distance and the anticipated groundwater flow direction.

Chemical Bulk Storage (CBS) Database

The New York CBS is a list of facilities that store regulated non-petroleum substances in above-ground tanks with capacities greater than 185 gallons and/or in underground tanks of any size.

No CBS facilities were identified within a 1/8-mile radius of the Property.

Solid Waste Facilities (SWF)

This database includes certain landfills, incinerators, transfer stations, recycling centers, and other sites which manage solid waste.

One Solid Waste Facility was identified within a 1/2-mile radius of the Property. Based on its location across the intervening East River, this facility is not expected to have affected the Property.

Petroleum Bulk Storage (PBS) Database

This database lists facilities that registered having either aboveground or underground petroleum tanks with total storage exceeding 1,100 gallons. Facilities with more than 400,000 gallons appear on the Major Oil Storage Facilities (MOSF) database (see below).

Fourteen PBS facilities were identified within a 1/8-mile radius of the Property. Details of the nearest facilities are given in Table 1.

Table 1
Area Petroleum Bulk Storage Facility Data

Location	Capacity (gallons)	Product Stored	Status	Distance/Direction from Property
The Rockefeller University 1230 York Avenue	20,000 AST 20,000 AST 18,500 AST 18,500 AST 4x 275 AST 1,000 UST 3,000 AST	No. 4 Fuel Oil No. 6 Fuel Oil No. 4 Fuel Oil Diesel Diesel Diesel Diesel	In Service	Adjacent to Property
Phipps House 445 East 68 th Street	15,000 UST	Empty	Closed In Place	255 feet/north-northwest

Table 1
Area Petroleum Bulk Storage Facility Data

Location	Capacity (gallons)	Product Stored	Status	Distance/Direction from Property
New York Presbyterian Hospital 525 East 68 th Street	4x 21,000 AST	No.2 Fuel Oil	Closed-Removed	350 feet/north
	2x 21,000 AST	Diesel	Closed-Removed	
	60 AST	No.2 Fuel Oil	Closed-Removed	
	240 AST	No.2 Fuel Oil	Closed-Removed	
	4x 20,000 UST	No.2 Fuel Oil	In Service	
	3x 20,000 UST	Diesel	In Service	
	2x 275 AST	Diesel	In Service	

Notes: AST – above-ground storage tank
UST - underground storage tank

Based on interviews and information provided by The Rockefeller University representatives, none of the on-campus tanks were located on the Property. The nearest on-campus tanks to the Property (a 275-gallon AST in the Hospital Building and four 18,500 to 20,000-gallon ASTs in the Power House) were observed during the reconnaissance and appeared to be in good condition, with no evidence of leakage or staining. The Rockefeller University UST was reportedly located approximately 450 feet southwest of the eastern portion of the Property. The Rockefeller University representatives indicated that on-campus tanks are operated in accordance with a Spill Prevention, Countermeasure and Control Plan (SPCC), and provided the findings of an inspection of the four Power House ASTs in November 2011, which indicated that the tanks and associated piping were in good condition with no evidence of a release. Based on the reconnaissance, the type and location of on-campus tanks, and information provided by The Rockefeller University, these tanks are not expected to have affected subsurface conditions beneath the Property.

The NYSDEC SPILLS database identified no spills with the potential to affect subsurface conditions beneath the Property at Rockefeller University or the other above facilities. However, potential undetected releases from Phipps House and New York Presbyterian Hospital may have affected the Property due to their proximity. Details of the remaining PBS facilities located within 1/8 mile of the Property are included in Appendix C.

State Inactive Hazardous Waste Disposal Site Registry (SHWS)

This program (also known as State Superfund) lists information regarding a variety of sites likely requiring cleanup.

Two State Inactive Hazardous Waste Disposal Sites were reported within a one-mile radius of the Property. Based on their location more than 0.6 miles to the east-southeast across the intervening East River, these facilities are not expected to have affected the Property.

State Hazardous Substance Waste Disposal Site Study (SHSWDS)

This database tracks certain sites that were not listed on SHWS, but may still require investigation and/or cleanup.

No SHSWDSs were identified within a 1/2-mile radius of the Property.

Major Oil Storage Facilities (MOSF) Database

These facilities have petroleum storage of 400,000 gallons or more.

No Major Oil Storage Facilities were reported within a 1/8-mile radius of the Property.

Environmental Restoration Program

These sites (which are generally municipally-owned) are receiving New York State funding for site investigation and remediation. Some sites in this program have known contamination, whereas others have not had sufficient investigation to determine whether contamination is present.

No ERP sites were identified within a 1/2-mile radius of the Property.

Voluntary Cleanup Program

The Voluntary Cleanup Program is a NYSDEC program for investigation and remediation of (generally) privately-owned sites. Some sites in this program have known contamination, whereas others have not had sufficient investigation to determine whether contamination is present.

Two VCP sites were identified within a 1/2-mile radius of the Property. The nearest listing was for the ConEd York Avenue Station, located on the west side of York Avenue between East 61st and East 63rd Streets, approximately 840 feet west-southwest of the Property. The listing indicated that this site operated as a manufactured gas facility with three gas holders until the mid-20th century, and was subsequently redeveloped with multistory office, residential, commercial and institutional buildings. Site investigation identified soil contamination with compounds associated with coal tar and petroleum, but only one compound (naphthalene) was detected at elevated levels in the groundwater. Bedrock depth beneath this site was reportedly highly variable (ranging from site grade to more than 60 feet below grade) and groundwater was reportedly present approximately 6 to 16 feet below grade, flowing in an easterly direction.

Based on their distance and the anticipated groundwater flow direction, this facility and the second VCP listing, for a site located approximately 2,035 feet north-northeast of the Property across the intervening East River, are not expected to have affected the Property.

Brownfield Cleanup Program

This NYSDEC program is the successor to the Voluntary Cleanup Program. Again, some sites have known contamination, whereas others have not had sufficient investigation to determine whether contamination is present.

Two BCP sites were identified within a 1/2-mile radius of the Property. The nearest listing was for the 1113 York Avenue site approximately 1,045 feet southwest of the Property. The listing indicated that this site was historically an auto repair facility with 17 USTs, and subsequently became vacant. The USTs were closed and removed along with some contaminated soil. Petroleum staining was noted in shallow soil in the northern portion of the site, but no samples were collected. Groundwater was not encountered during site investigations due to shallow bedrock. The listing had been deleted from the BCP database. AKRF is familiar with this site, having conducted City Environmental Quality Review (CEQR) relating to its redevelopment. It is also a part of the ConEd facility discussed in the previous section.

Based on its distance, anticipated groundwater flow direction and AKRF's knowledge of the site, this facility and the second BCP listing, for a site located approximately 2,600 feet south-southeast of the Property, are not expected to have affected the Property.

Historic Utility Sites

This is an inventory of certain power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites identified in various historic documents, maps and annual reports from 1898 to 1950.

No historical utility facilities were reported within a 1/8 mile of the Property. Note however the ConEd MGP facilities discussed in a previous section.

5.2.3 Local

Records available online from the New York City Fire and Buildings Departments were viewed for the Property. The Fire Department records were obtained by Toxics Targeting, Inc. as part of the regulatory database search. Since the records typically address a multitude of issues, the review focused on items likely to relate to the potential presence of hazardous materials, e.g., petroleum tank installation applications and permits, and records indicating prior uses.

Buildings Department

Since no specific address exists for the Property, no Buildings Department records were identified for the Property.

Fire Department

The New York City Fire Department Tanks database was searched regarding past or current motor vehicle fuel and heating oil tank listings within a 1/8-mile radius of the Property. Computerized NYC Fire Department records identified three listings within this radius. Based on their distance and/or the anticipated groundwater flow direction, these listings are not likely to have affected subsurface conditions beneath the Property.

5.2.4 Additional Environmental Record Sources

To enhance the search, ASTM requires that additional local records be checked when, in judgment of the environmental professional, such records are: 1) reasonably ascertainable; 2) useful, accurate and complete in light of the objective of the records review; and 3) are obtained in initial ESAs. These records include:

- Local Brownfields Lists
- Local Lists of Landfill/solid waste disposal sites
- Local Lists of Hazardous Waste/Contaminated Sites
- Local Lists of Registered Tanks
- Local Land Records (for activity use limitations)
- Records of emergency release reports
- Records of contaminated public wells

Sources for these records include:

- Department of Health/Environmental Division

- Fire Department
- Building Permit/Inspection Department
- Local/Regional Pollution Control Agency
- Local/Regional Water Quality Agency
- Local Electric Utility (for PCB records)

In AKRF's judgment, no such additional local records meeting the ASTM criteria are pertinent for the Property.

6.0 USER-PROVIDED INFORMATION

The Rockefeller University representatives indicated that the Phase I ESA was performed in preparation for the construction of a new laboratory building in the eastern portion of the Property and a new recreation center in the western portion of the Property. The proposed project would entail demolition of the existing concrete structure in the western portion of the Property, limited disturbance of existing building facades and/or interiors for connections to the new laboratory buildings, and subsurface disturbance for new building construction.

To the extent that pertinent additional information was provided, it has been summarized elsewhere in this report.

7.0 PREVIOUS STUDIES

AKRF prepared an Environmental Assessment Statement (EAS) for renovation and new construction in portions of the Rockefeller University Campus in 2007. A Phase I ESA, Subsurface (Phase II) Investigation, and Remedial Action Plan and Construction Health and Safety Plan (RAP and CHASP) were prepared by AKRF in May 2006, June 2007 and August 2007, respectively, as part of EAS preparation. These studies identified the following:

- The Rockefeller University campus uses were generally similar to current uses, with similar chemical/hazardous waste use and disposal procedures and the same petroleum storage tanks present on-campus.
- The Phase II was performed in accordance with a New York City Department of Environmental Protection (NYCDEP) – approved Work Plan and included the collection of soil samples from 13 borings in areas where construction was proposed, with the nearest borings located west of the Property at the current location of the Collaborative Research Center (CRC). The majority of the borings encountered shallow refusal on apparent decomposed rock or bedrock. Groundwater was encountered in three borings at depths ranging from approximately 6 feet below grade in the southern portion of the campus to 17 feet below grade in the western portion.
- Soil samples collected from the borings were sent to a New York State Department of Health-certified laboratory for analysis for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, PCBs, and Target Analyte List (TAL) metals. No groundwater samples were collected as part of the Phase II. A subsurface investigation report was submitted to NYCDEP following the completion of the Phase II. In a letter dated July 5, 2007, DEP concluded that the soil samples contained only minor contamination typical of urban fill and recommended that a

RAP and CHASP be prepared to prevent exposure of construction workers and future occupants of the site. A RAP and CHASP were submitted to NYCDEP, and in a letter dated October 19, 2007, DEP concluded that the RAP and CHASP were acceptable and that the applicant can proceed with construction.

A copy of the Phase II report is included as Appendix D.

8.0 LIMITATIONS AND DATA GAPS

This assessment met the requirements of the American Society for Testing and Materials (ASTM) as established by ASTM Standard E1527-05 at the time it was performed, with the following limitations:

- Results of this investigation are valid as of the dates on which the investigation was performed.
- Although computerized New York City Buildings Department records were available for the Rockefeller University campus (Tax Block 1480, Lot 10), it was not readily ascertainable whether any such records pertain to the Property since no specific address exists for the Property.
- The reconnaissance included a tour of sub-grade portions of the Hospital and Nurse Buildings and the Power House, which may be disturbed by the proposed project (for connections to the new laboratory building). According to Mr. Candler, the locations of the connections have not been definitely determined and that only minimal disturbance of existing buildings is anticipated.
- Interviews and user-provided information were limited to those discussed in Section 6.0. To the extent that interviews were not conducted with the list of interviewees cited in the ASTM Standard (past and present owners, operators, and occupants of the Property and local government officials), AKRF does not believe that this represents a significant data gap likely to result in additional or significantly changed recognized environmental conditions or conclusions.
- The Property and area history was not conducted in five-year intervals. However, sufficient information about the history could be obtained from the available aerial photographs, and this data gap is not likely to alter the conclusions of this report.

9.0 CONCLUSIONS AND RECOMMENDATIONS

This Phase I Environmental Site Assessment was performed in conformance with ASTM Standard E1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice*. Any exceptions to, or deletions from, this practice are described in Section 8.0. The term “Recognized Environmental Condition” means the presence or likely presence of hazardous substances or petroleum at the property, including the ground, groundwater, or surface water at or under the property.

At the time of AKRF’s reconnaissance, the Property was occupied by asphalt-paved walkways, landscaped areas, a parking lot with a concrete shelter structure and a construction trailer staging area on the Rockefeller University campus, and by a portion of FDR Drive adjacent to the campus. The main Rockefeller University campus was adjacent to the FDR Drive portion of the Property. A pedestrian esplanade was east-adjacent to the Property, with the East River beyond. The greater surrounding area included residential, office, commercial and institutional (university, hospital, school and church) uses

This assessment revealed the following, including evidence of Recognized Environmental Conditions (the first two bullets) and other environmental concerns that are not considered RECs in accordance with ASTM E1527-05:

- The Property was historically occupied by vacant land, a swimming school, a stone yard with a machine shop, part of a hospital and a portion of a street. The eastern edge of the Property was filled with materials of unknown origin in the early 20th century. By the early 20th century, the Property was occupied by portions of the Rockefeller University campus, including an animal house, a “horse yard” and vacant land in the eastern portion, and a recreation area in the western portion. By 1928, part of the Rockefeller University Power House was shown on historical land use maps in the western portion of the Property; the reconnaissance indicated that the Power House is located below Property grade and extends beneath several adjacent buildings. FDR Drive was constructed in the eastern portion of the Property by 1951. Historical land use maps showed the eastern portion of the Property as vacant land in 2004, and showed the western portion as a parking lot with a parking shelter built in 1958.
- The surrounding area was mixed-use, with residential, educational, medical and commercial uses shown in the early 20th century, and development of the Rockefeller University campus and nearby large hospitals and research facilities throughout the 20th century. The regulatory database identified The Rockefeller University and other nearby hospitals and research facilities as generators of hazardous waste. Information provided by The Rockefeller University representatives indicated that on-campus laboratories produce chemical, biological and radioactive waste, whose disposal is managed by the Rockefeller University Department of Laboratory Safety and Environmental Health in accordance with applicable regulations. Laboratories and/or maintenance facilities with chemical storage were reportedly located in some buildings which may be connected to the proposed new laboratory building.
- A Subsurface (Phase II) Investigation was conducted by AKRF on the Rockefeller University campus in 2007. The investigation was conducted in preparation for renovation and new construction in portions of the campus, and included the collection of soil samples for laboratory analysis for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, PCBs, and Target Analyte List (TAL) metals. No samples were collected from the Property, but the nearest sampling locations were located west of the Property at the current location of the Collaborative Research Center (CRC). Laboratory analytical results indicated only minor soil contamination typical of urban fill, with no evidence of a spill or release.

- During the reconnaissance, no evidence of petroleum storage tanks was noted on the Property. Regulatory listings and interviews indicated that nine petroleum aboveground storage tanks (ASTs) and one underground storage tank (UST) were present elsewhere on the Rockefeller University campus. Five ASTs were located in close proximity to the Property and were noted to be in good condition with no evidence of a release. All previously reported spills were minor and had been closed (i.e., cleaned up) to the satisfaction of the NYS Department of Environmental Conservation. Based on these observations, regulatory listings and tank locations, The Rockefeller University tanks are unlikely to have affected subsurface conditions beneath the Property.
- Lead-based paint may be present on the on-site parking shelter. Some peeling paint was noted on the shelter ceiling. Lead-based paint may also be present in existing building areas that would be disturbed for connections to the proposed laboratory building. Painted surfaces in typical interior areas of buildings that may be connected to the laboratory were observed to be in good condition.
- No suspect asbestos-containing materials (ACM) were noted on the Property. However, suspect ACM (e.g., electrical equipment components and pipe insulation) may be present in buried utilities beneath the Property. Suspect ACM may also be present in existing building areas that would be disturbed for connections to the proposed laboratory building. Suspect ACM observed in the inspected portions of the Hospital and Nurse Buildings and the Power House included thermal pipe insulation, 12-inch by 12-inch vinyl floor tiles and associated mastic, 24-inch by 24-inch suspended ceiling tiles, and window caulking and glazing in the Hospital Building. The observed suspect ACM were in good condition. Asbestos surveys and abatements have reportedly been conducted as part of renovation activities in Smith Hall/Smith Hall Annex and Flexner Building.
- No suspect polychlorinated biphenyl (PCB) - containing equipment was noted on the Property. However, suspect PCB-containing electrical utilities (e.g., feeder lines) may be present beneath the Property. In addition, suspect PCB-containing electrical equipment and/or fluorescent lighting fixtures may be present in existing building areas that would be disturbed for connections to the proposed laboratory building.

RECOMMENDATIONS

- Hazardous waste produced by The Rockefeller University is managed by the Rockefeller University Department of Laboratory Safety and Environmental Health in accordance with the applicable regulations. However, there is some potential for (more likely historical) releases from The Rockefeller University or other nearby hospital/research facilities to have affected subsurface conditions beneath the Property. Fill materials of unknown origin may also be present beneath the Property, although past testing in other portions of the Rockefeller University campus identified no significant soil contamination associated with fill materials. AKRF recommends a subsurface investigation involving the collection and laboratory analysis of subsurface samples from areas where excavation is proposed. It is possible that this investigation may uncover evidence of a petroleum spill or other situation reportable to NYSDEC and/or other regulatory agencies.
- During any future subsurface disturbance, excavated soil should be handled and disposed of in accordance with applicable regulatory requirements. If dewatering is necessary for the proposed construction, water should be discharged in accordance with New York City Department of Environmental Protection (NYCDEP) requirements.
- Unless information exists that suspect ACM do not contain asbestos, prior to any activities with the potential to disturb suspect ACM, an asbestos survey of the areas to be disturbed should be conducted

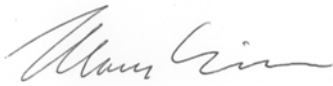
and any ACM that would be disturbed should be removed and disposed of in accordance with local, state and federal requirements.

- Any activities with the potential to disturb lead-based paint must be performed in accordance with applicable requirements (including federal Occupational Safety and Health Administration regulation 29 CFR 1926.62 - *Lead Exposure in Construction*).
- Unless there is labeling or test data indicating that suspect PCB-containing electrical equipment and fluorescent lighting fixtures do not contain PCBs, and that fluorescent lighting bulbs do not contain mercury, if disposal is required, it should be conducted in accordance with applicable federal, state and local requirements.
- Any chemicals, biological waste and radioactive waste requiring disposal in areas that would be disturbed by the proposed project should be properly disposed of in accordance with applicable requirements.

10.0 SIGNATURE PAGE

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the property for which the assessment was performed. I have performed all the appropriate inquiries in conformance with standards and practices set forth in 40 CFR Part 312.



Marcus Simons
Senior Vice President



Asya Bychkov
Environmental Engineer

11.0 QUALIFICATIONS

The purpose of this assessment was to convey a professional opinion about the potential presence or absence of contamination, or possible sources of contamination on the property, and to identify existing and/or potential environmental problems associated with the property including *Recognized Environmental Conditions* as defined in ASTM Standard E1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice*.

The assessment was performed in accordance with customary principles and practices in the environmental consulting industry, and in accordance with the above-referenced ASTM Standard, except as noted otherwise in Section 8.0. It should only be used as a guide in determining the possible presence or absence of hazardous materials on the property at the time of the reconnaissance, as it is based upon the review of readily available records relating to both the property and the surrounding area, as well as a visual reconnaissance of current conditions.

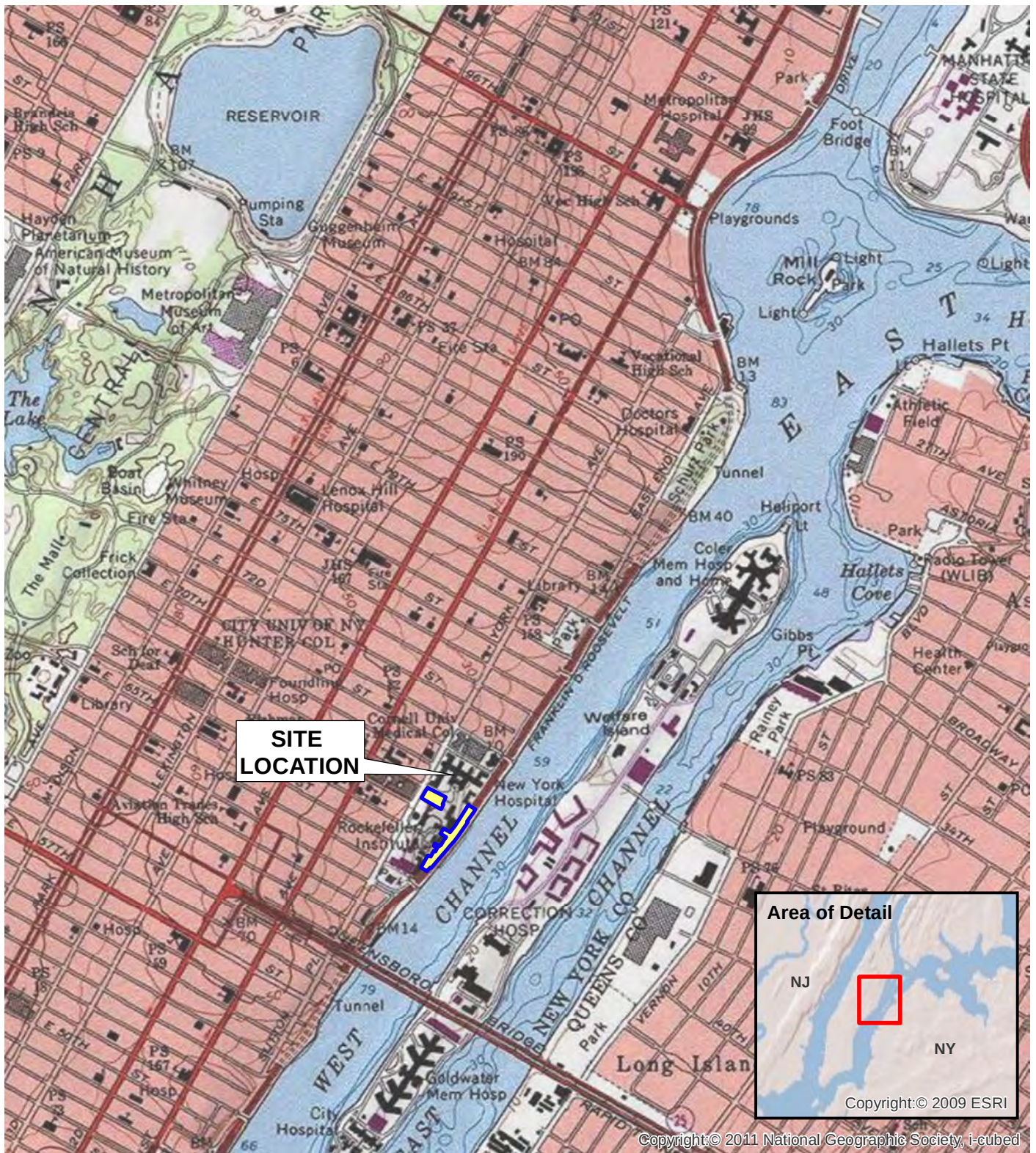
This Phase I Assessment is not, and should not be construed as, a guarantee, warranty, or certification of the presence or absence of hazardous substances, which can be made only with testing, and contains no formal plans or recommendations to rectify or remediate the presence of any hazardous substances which may be subject to regulatory approval. This report is not a regulatory compliance audit.

This report is based on services performed by AKRF, Inc. professional staff and observation of the property and its surroundings. We represent that observations made in this assessment are accurate to the best of our knowledge, and that no findings or observations concerning the potential presence of hazardous substances have been withheld or amended. The research and reconnaissance have been carried to a level that meets accepted industry and professional standards. Nevertheless, AKRF and the undersigned shall have no liability or obligation to any party other than The Rockefeller University and their successors or assignees, and AKRF's obligations and liabilities to the above, their successors or assignees is limited to fraudulent statements made, or grossly negligent or willful acts or omissions.

12.0 REFERENCES

1. Toxics Targeting, Inc., Rockefeller University Laboratory Building – New York, NY 10021, Regulatory Radius Search, October 1, 2012.
2. U.S. Geological Survey, *Central Park, N.Y. - N.J. Quadrangle*, 7.5 minute Series (Topographic), Scale 1:24,000, 1966, Photorevised 1979.
3. U.S. Geological Survey, Open Files Report 89-462, Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey, Sheet 3 - Bedrock Contours and Outcrops, 1990.
4. New York State Department of Health: Office of Public Health - Environmental Radiation Section; Basement Radon Screening Data; October 2011.
5. Sanborn Insurance Maps dated 1892, 1907, 1922, 1928, 1951, 1976, 1988 and 2004.
6. *Phase I Environmental Site Assessment – Rockefeller University, New York, NY*, AKRF, Inc., May 2006.
7. *Subsurface (Phase II) Investigation - Rockefeller University, 1230 York Avenue, Manhattan, NY*, AKRF, Inc., June 2007.
8. *Remedial Action Plan and Construction Health and Safety Plan - Rockefeller University, 1230 York Avenue, Manhattan, NY*, AKRF, Inc., August 2007.
9. *Rockefeller University Boundary & Topographic Survey*, Langan Engineering and Environmental Services, September 27, 2012.

FIGURES



SOURCE
USGS 7.5 Minute Topographic Map
CENTRAL PARK Quad 1995

0 1,000 2,000
Feet



ROCKEFELLER UNIVERSITY
NEW LABORATORY BUILDING
NEW YORK, NEW YORK

SITE LOCATION



Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

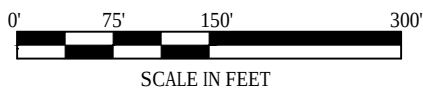
DATE
10/10/2012

PROJECT No.
11609

FIGURE
1



SOURCE:
 Wall and Tunnel Locations based on Drawing 07.09, *BOUNDARY & TOPOGRAPHIC SURVEY*,
 Provided by Langan Engineering and Environmental Services
 619 River Drive
 Elmwood Park, NJ, 07407
 Sept 2012



LEGEND:

- PROJECT SITE BOUNDARY
- APPROXIMATE LOCATION OF A TUNNEL

**ROCKEFELLER UNIVERSITY -
 NEW LABORATORY BUILDING**
 NEW YORK, NEW YORK

SITE PLAN



Environmental Consultants
 440 Park Avenue South, New York, N.Y. 10016

DATE
 10.8.2012

PROJECT No.
 11609

SCALE
 as shown

FIGURE
 2

APPENDIX A
PHOTOGRAPHIC DOCUMENTATION



Photograph 1. Parking and a parking shelter in the western portion of the Property, view east from York Avenue.



Photograph 2. A tennis court on the parking shelter (view south).



Photograph 3. Construction trailer storage in the western portion of the Property, view northwest.



Photograph 4. View north toward the on-site portion of FDR Drive.



Photograph 5. FDR Drive in the eastern portion of the Property, the east-adjacent esplanade, and the west-adjacent Rockefeller University retaining wall.



Photograph 6. A 275-gallon diesel aboveground storage tank (AST) in the Hospital Building west-adjacent to the eastern portion of the Property.

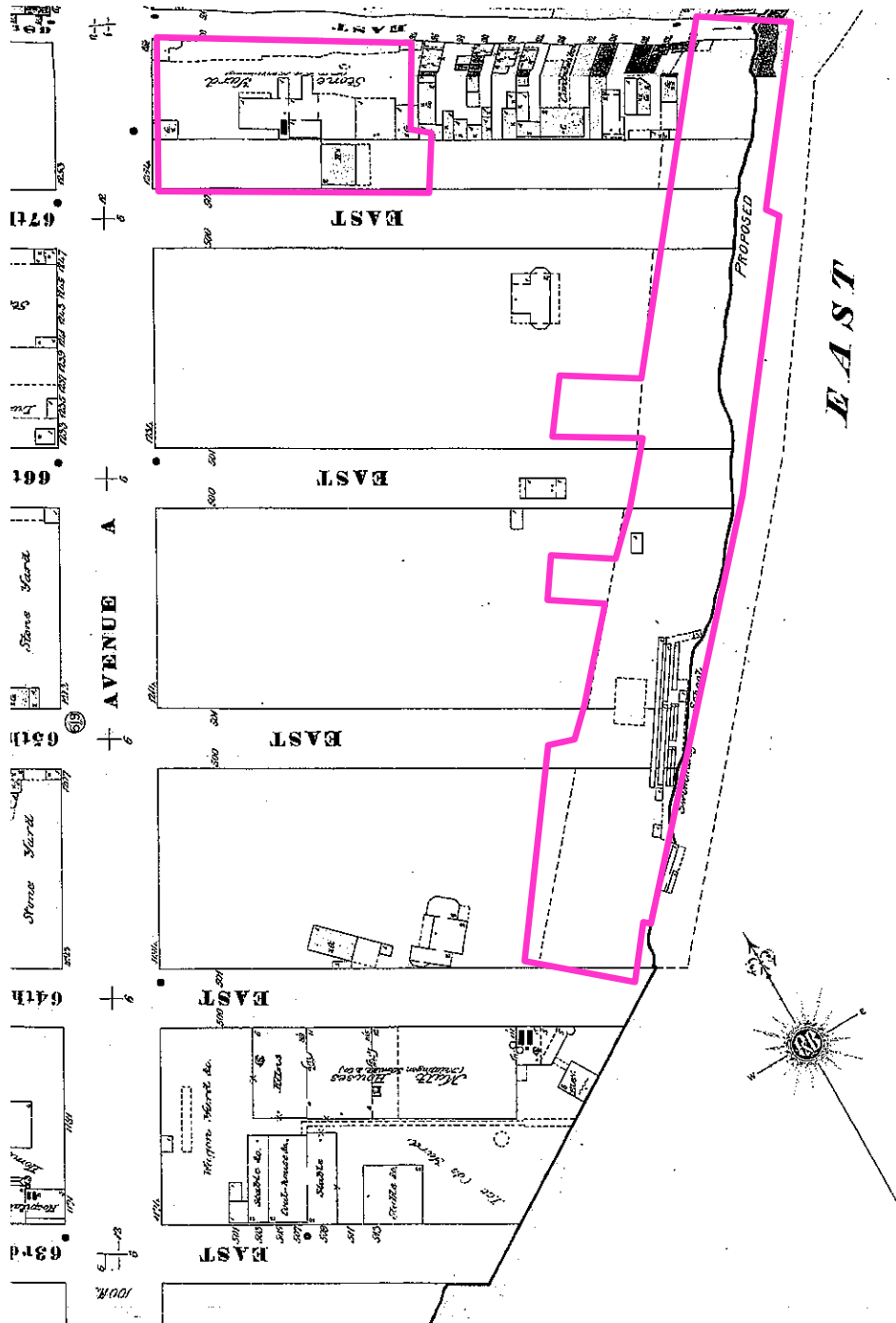


Photograph 7. A portion of the Power House beneath the Property, with FDR Drive beyond (view east).



Photograph 8. An 18,500-gallon fuel oil AST in the Power House, west of the Property.

APPENDIX B
HISTORICAL SANBORN MAPS



LEGEND:

— PROJECT SITE BOUNDARY

**ROCKEFELLER UNIVERSITY –
NEW LABORATORY BUILDING**
NEW YORK, NEW YORK

1892 SANBORN MAP



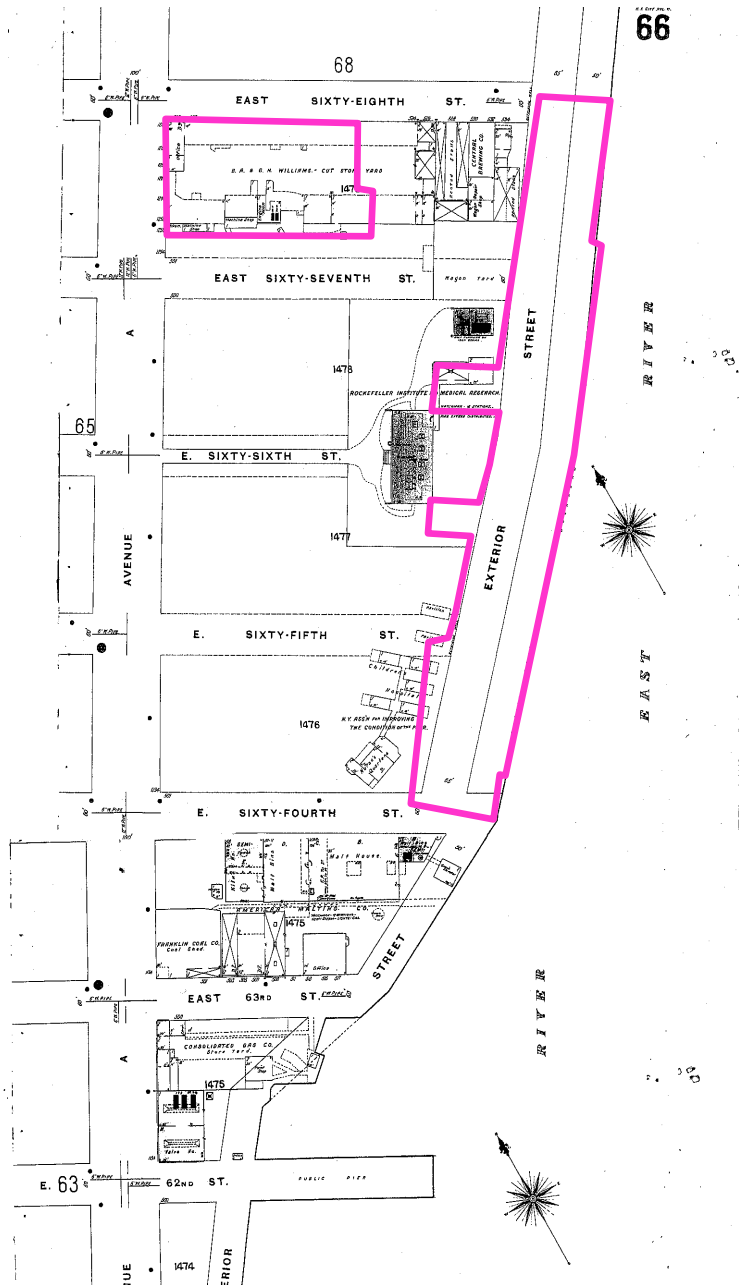
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
10.09.12

PROJECT No.
11609

SCALE
nts

FIGURE
Appx B



LEGEND:

——— PROJECT SITE BOUNDARY

**ROCKEFELLER UNIVERSITY –
NEW LABORATORY BUILDING**
NEW YORK, NEW YORK

1907 SANBORN MAP



Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

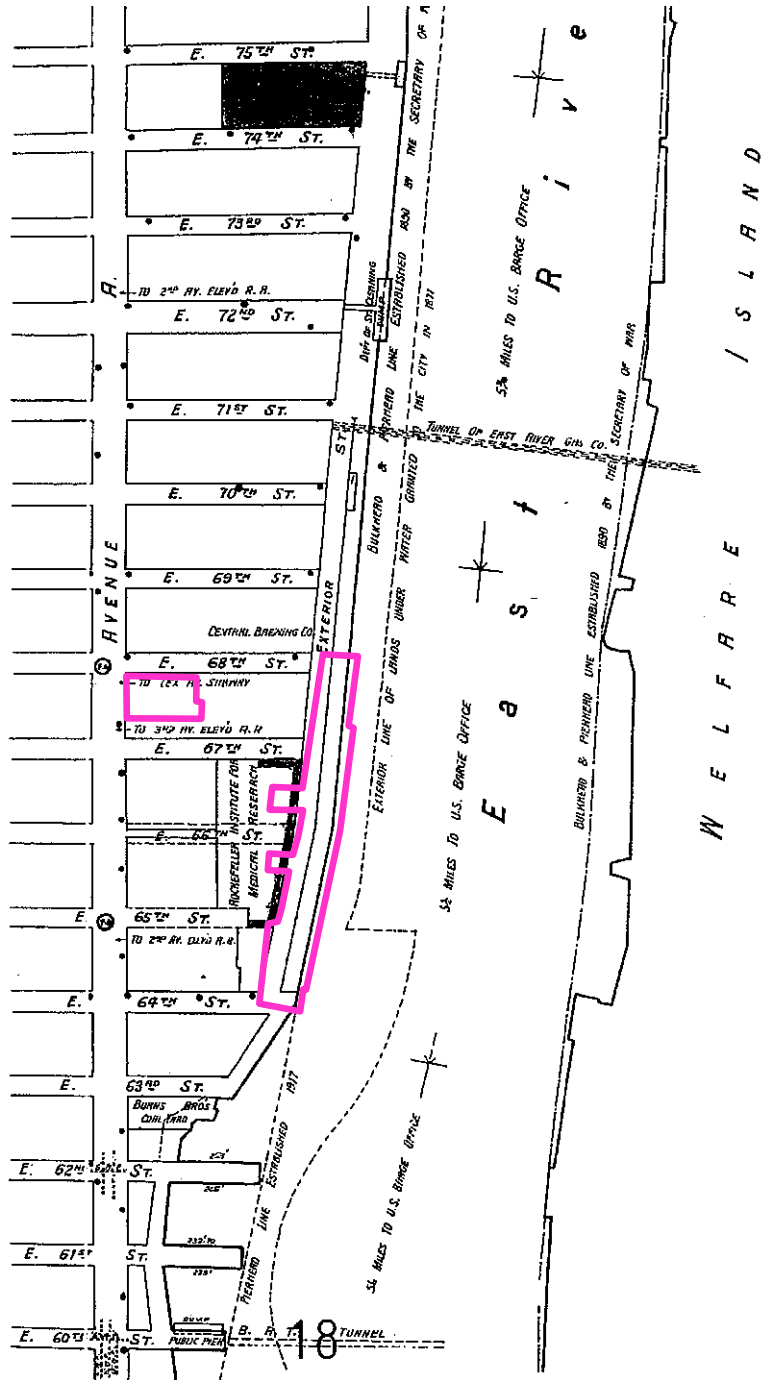
DATE
10.09.12

PROJECT No.
11609

SCALE
nts

FIGURE
Appx B

Quarter Mile Distances Given
in Nautical Miles



LEGEND:

——— PROJECT SITE BOUNDARY

**ROCKEFELLER UNIVERSITY –
NEW LABORATORY BUILDING**
NEW YORK, NEW YORK

1922 SANBORN MAP



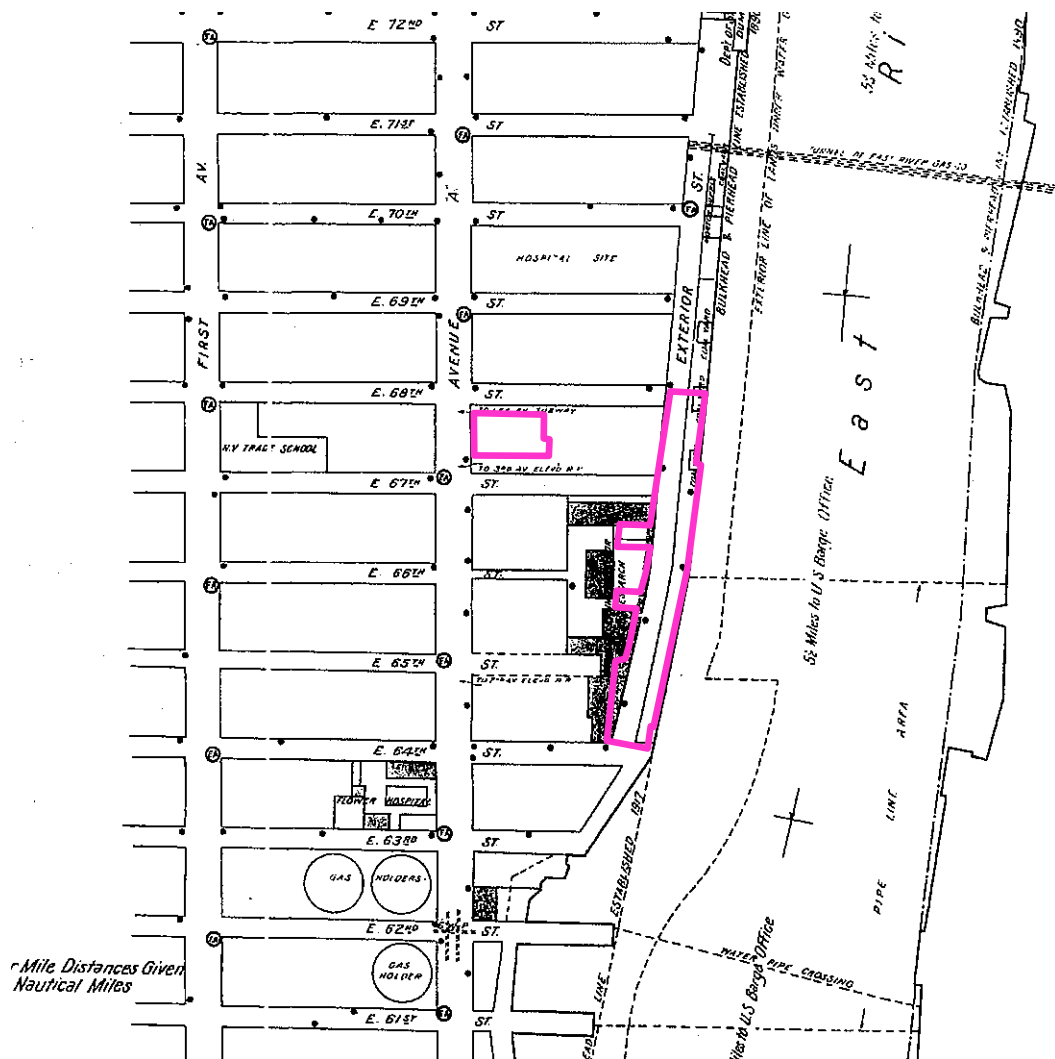
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
10.09.12

PROJECT No.
11609

SCALE
nts

FIGURE
Appx B



LEGEND:

——— PROJECT SITE BOUNDARY

**ROCKEFELLER UNIVERSITY –
NEW LABORATORY BUILDING**
NEW YORK, NEW YORK

1928 SANBORN MAP



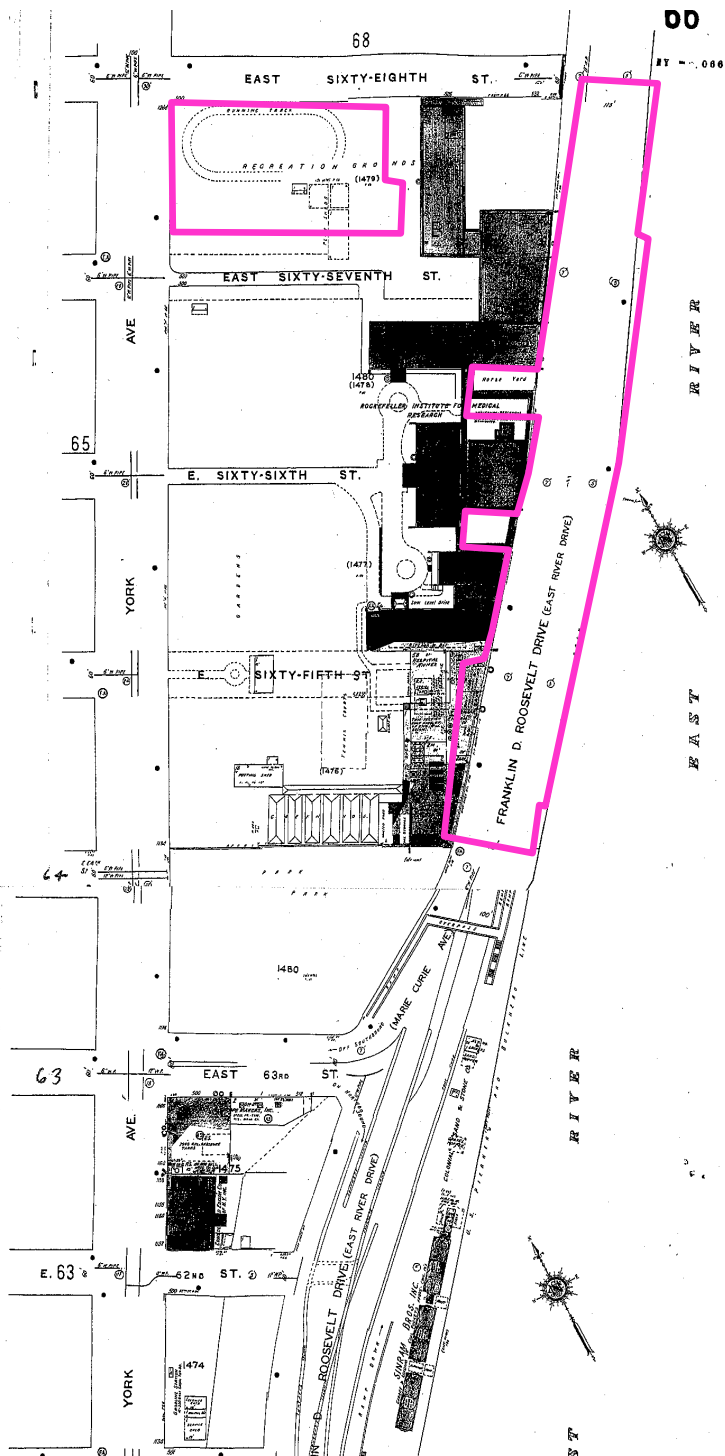
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
10.09.12

PROJECT No.
11609

SCALE
nts

FIGURE
Appx B



LEGEND:

——— PROJECT SITE BOUNDARY

**ROCKEFELLER UNIVERSITY –
NEW LABORATORY BUILDING
NEW YORK, NEW YORK**

1951 SANBORN MAP



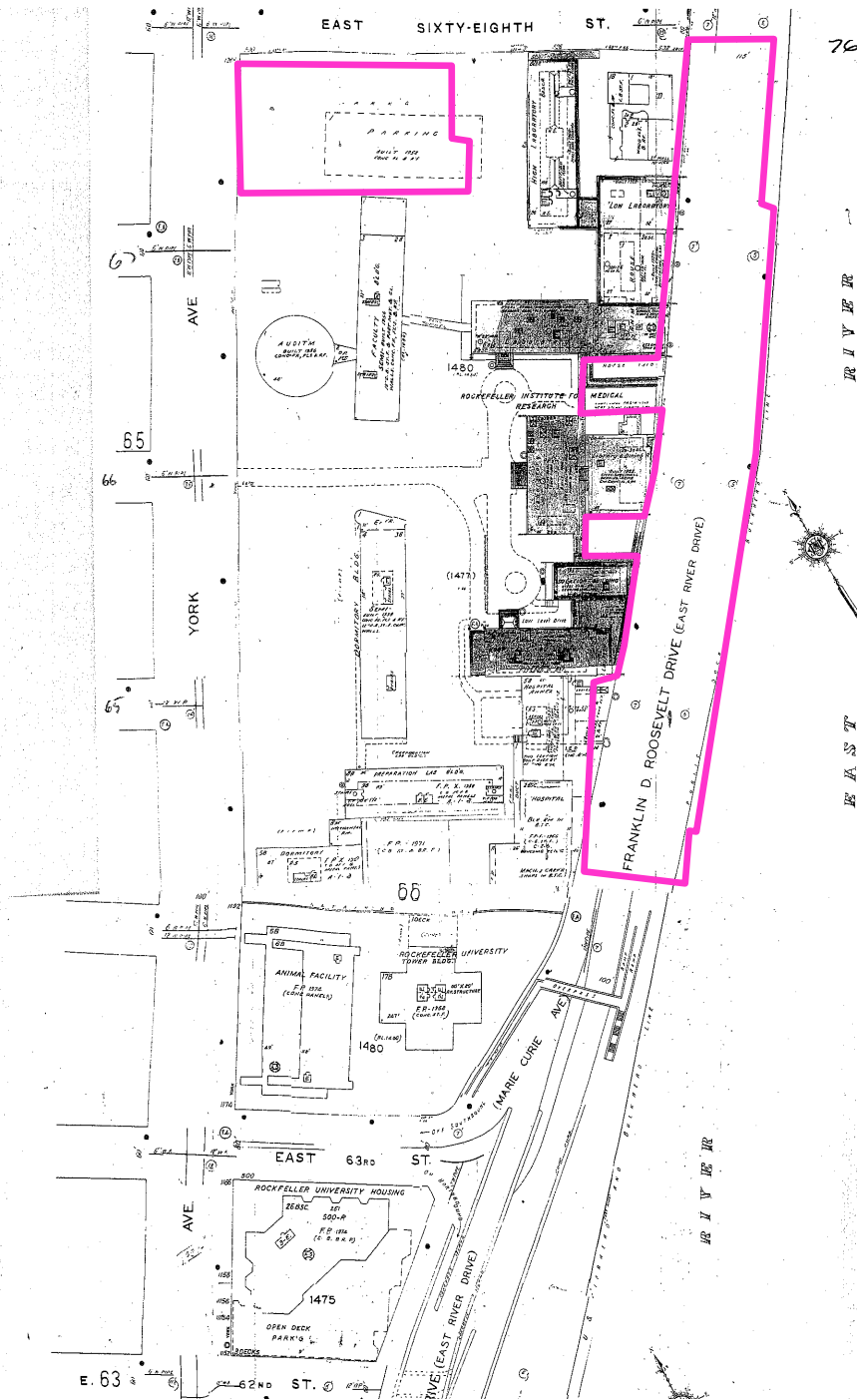
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
10.09.12

PROJECT No.
11609

SCALE
nts

FIGURE
Appx B



LEGEND:

— PROJECT SITE BOUNDARY

**ROCKEFELLER UNIVERSITY –
NEW LABORATORY BUILDING**
NEW YORK, NEW YORK

1976 SANBORN MAP



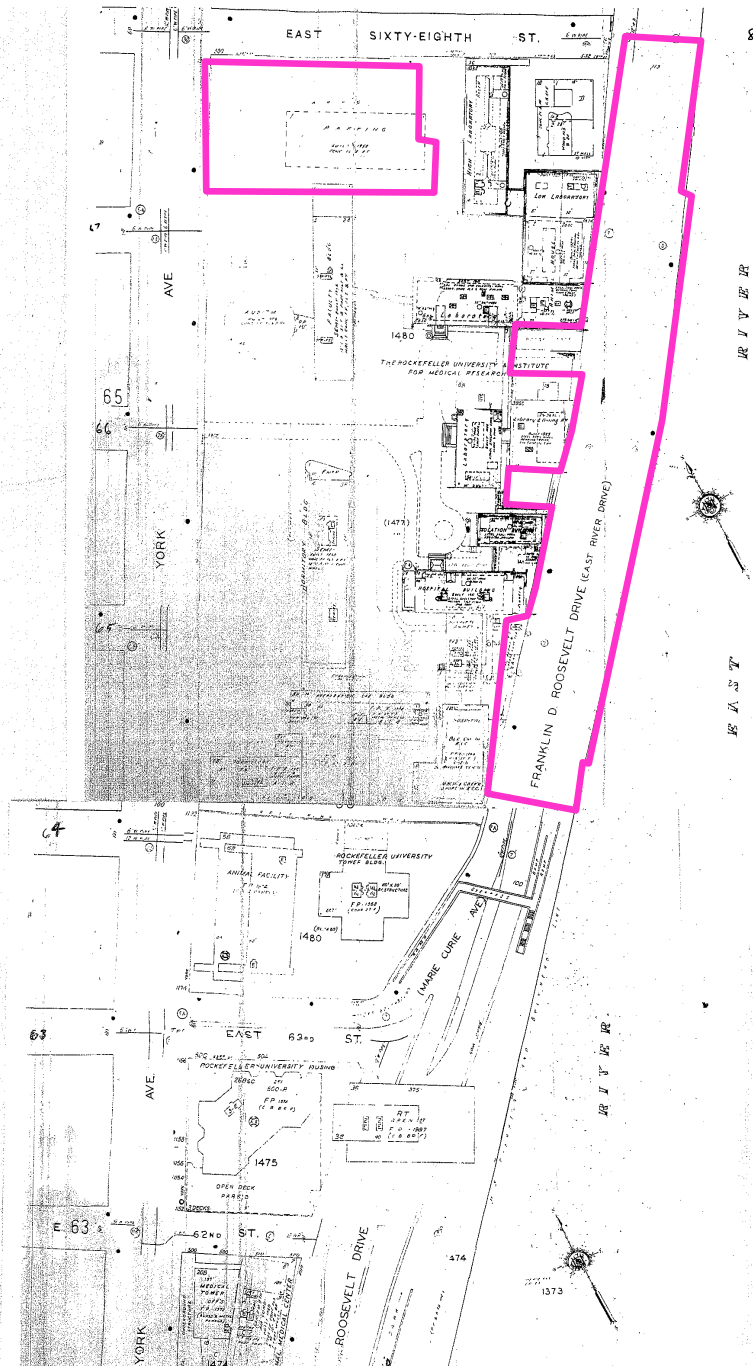
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
10.09.12

PROJECT No.
11609

SCALE
nts

FIGURE
Appx B



LEGEND:

— PROJECT SITE BOUNDARY

**ROCKEFELLER UNIVERSITY –
NEW LABORATORY BUILDING
NEW YORK, NEW YORK**

1988 SANBORN MAP



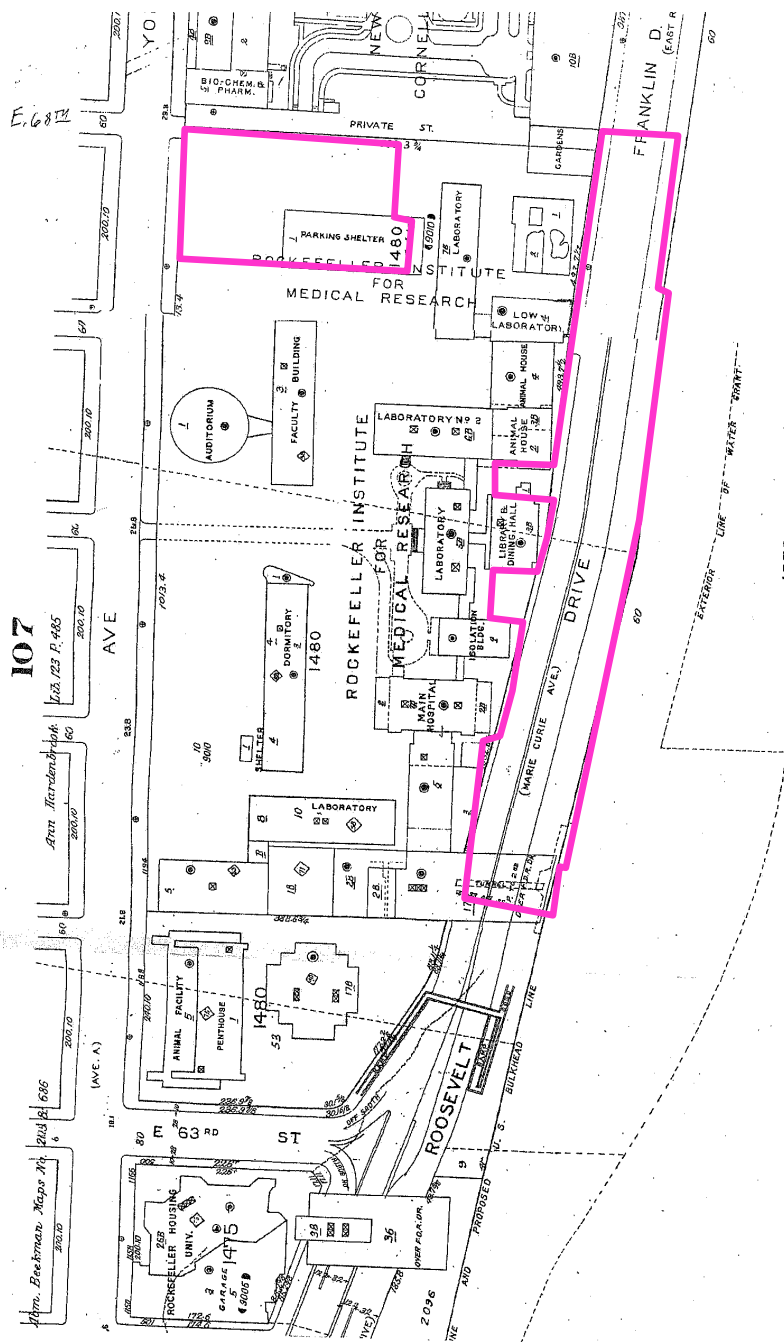
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
10.09.12

PROJECT No.
11609

SCALE
nts

FIGURE
Appx B



LEGEND:

— PROJECT SITE BOUNDARY

**ROCKEFELLER UNIVERSITY –
NEW LABORATORY BUILDING**
NEW YORK, NEW YORK

2004 SANBORN MAP



Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
10.09.12

PROJECT No.
11609

SCALE
nts

FIGURE
Appx B

APPENDIX C
REGULATORY RECORDS REVIEW

TOXICS TARGETING

PHASE I

ENVIRONMENTAL DATABASE REPORT

**ROCKEFELLER UNIV. LABORATORY BUILDING
NEW YORK, NY 10021**

OCTOBER 01, 2012

LIMITED WARRANTY AND DISCLAIMER OF LIABILITY

Who is Covered

This limited warranty is extended by Toxics Targeting, Inc. only to the original purchaser of the accompanying Environmental Report ("Report"). It may not be assigned to any other person.

What is Warranted

Toxics Targeting, Inc. warrants that it uses reasonable care to accurately transcribe the information contained in this Report from the sources from which it is obtained. This limited warranty is in lieu of all other express warranties which might otherwise arise with respect to the Report. No one is authorized to change or add to this limited warranty.

What We Will Do

If during the warranty period there is shown to be a material error in the transcription of the information contained in this Report from the sources from which it was obtained, Toxics Targeting, Inc. shall refund to the original purchaser the full purchase price paid for the Report. The remedy stated above is the exclusive remedy extended to the Purchaser by Toxics Targeting, Inc. for any failure of the Report to conform with this Warranty, or otherwise for breach of this Warranty or any other warranty, whether expressed or implied.

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Toxics Targeting, Inc. has not and can not verify the accuracy, correctness or completion of the information contained in this Report. Information is obtained from government agencies, site owners, and other sources, and errors are common in such information. Because Toxics Targeting, Inc. can not control the accuracy of the information contained in this Report, or the uses which may be made of the information, TOXICS TARGETING, INC. DISCLAIMS LIABILITY TO ANYONE FOR ANY EVENTS ARISING OUT OF THE USE OF THE INFORMATION. TOXICS TARGETING, INC. SHALL NOT BE LIABLE FOR ANY DAMAGE CAUSED BY THIS REPORT, WHETHER DIRECT OR INDIRECT, AND WHETHER OR NOT TOXICS TARGETING, INC. HAS BEEN ADVISED OF OR HAS KNOWLEDGE OF THE POSSIBILITY OF SUCH DAMAGES. TOXICS TARGETING, INC. EXPRESSLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

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PLEASE REFER TO PAGES ONE AND FIVE FOR A DESCRIPTION OF SOME OF THE LIMITATIONS OF THIS ENVIRONMENTAL REPORT.

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- *How to Use Your Report*
- *Toxic Site Databases Analyzed In Your Report*
- *Limitations Of the Information In Your Report*

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- *Table Two: Identified Toxic Sites By Direction*
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- *Map Four: Eighth-Mile Radius Close-up Map*
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Section Three: Appendices

- *USEPA ERNS Check*
- *Unmappable Sites*
- *Hazardous Waste Codes*
- *Information Source Guide*

Introduction

Toxics Targeting has combined environmental database searches, extensive regulatory analysis and sophisticated mapping techniques to produce your *Environmental Report*. It checks for the presence of 25 categories of government-reported toxic sites and provides detailed, up-to-date information on each identified site. The findings of your report are presented in an easy-to-understand format that:

1. **Maps** the approximate locations of selected government-reported toxic sites identified on or near a specified target address.
2. **Estimates** the distance and direction between the target address and each identified toxic site.
3. **Reports** air and water permit non-compliance and other regulatory violations.
4. **Profiles** some aspects of the usage, manufacture, storage, handling, transport or disposal of toxic chemicals at individual sites.
5. **Summarizes** some potential health effect information and drinking water standards for selected chemicals reported at individual sites.

The Three Sections Of Your Report

The first section highlights your report's findings by summarizing identified sites according to: **a)** distance intervals, **b)** direction, **c)** proximity to the target address and **d)** individual site categories. In addition, the locations of all identified toxic sites are illustrated on individual maps for each radius search distance used in your report. A close-up map illustrates the locations of all identified toxic sites, at the shortest radius search distance used in your report. Finally, a map of tax parcels and a table of selected information about those parcels are included.

The second section of your report contains *Toxic Site Profiles* that provide detailed information on each identified toxic site. The information in each *Toxic Site Profile* varies according to its source. Some toxic site categories have extensive information and some have limited information. All the information is updated on a regular basis.

The third section of the report contains appendices that identify: **1)** on-site spills reported to the national Emergency Response Notification System (ERNS), **2)** various toxic sites that cannot be mapped due to incomplete or erroneous addresses or other mapping problems, **3)** codes that characterize hazardous wastes reported at various facilities, **4)** methods used to map toxic sites identified in your report and **5)** information sources used in your report.

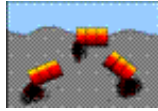
How to Use Your Report

- Check Table One to see the number of identified sites by distance intervals.
- Check Table Two to see identified sites sorted by direction.
- Check Table Three to see identified sites ranked by proximity to the target address.
- Check Table Four to see identified sites sorted by site categories.
- Use Table Five to get info for the subject parcel and every parcel found on the Tax Parcel Map
- Refer to the various maps to see the locations of identified toxic sites. Refer to the *Toxic Site Profile* and *Appendix* sections for additional information.

Toxic Site Databases Analyzed In Your Report

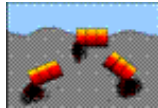
Search Radius

One-Mile



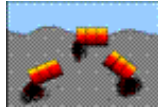
1) **National Priority List for Federal Superfund Cleanup:** a listing of sites known to pose environmental or health hazards that are being investigated or cleaned up under the Federal Superfund program.

Half-Mile



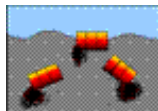
2) **Delisted National Priority List Sites:** a listing of NPL sites that have been removed from the National Priority List.

One-Mile



3) **New York Inactive Hazardous Waste Disposal Site Registry:** a state listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile



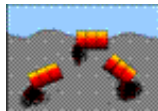
4) **New York Inactive Hazardous Waste Disposal Site Registry Qualifying:** a state listing of sites that qualify for possible inclusion to the NYDEC Inactive Haz. Waste Disposal Site Registry.

One-Mile



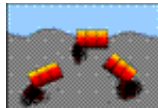
5) **RCRA Corrective Action Activity (CORRACTS):** waste facilities with RCRA corrective action activity reported by the USEPA.

Half-Mile



6) **CERCLIS** (Comprehensive Environmental Response, Compensation and Liability Information System): a federal listing of Non-NFRAP sites that can pose environmental or public health hazards requiring investigation or clean up.

Half-Mile



7) **CERCLIS NFRAP:** a federal listing of CERCLIS sites that have no further remedial action planned.

Half-Mile



8) **New York State Brownfield Cleanup Sites:** a listing of sites that are abandoned, idled or under-used industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

Half-Mile



9) **New York Solid Waste Facilities Registry:** active and inactive landfills, incinerators, transfer stations or other solid waste management facilities.

Half-Mile



10) **New York City 1934 Solid Waste Sites:** a listing of solid waste disposal sites operated by New York City municipal authorities circa 1934.

Half-Mile



11) ***New York and Federal Hazardous Waste Treatment, Storage or Disposal Facilities:*** sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRIS). Also includes the following database:

- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

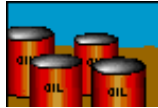
Half-Mile



12) ***Toxic Spills: active and inactive or closed*** spills reported to state environmental authorities, including *remediated* and *unremediated* leaking underground storage tanks. This database includes the following categories:

- Tank Failures
- Tank Test Failures
- Unknown Spill Cause or Other Spill Causes
- Miscellaneous Spill Causes

Eighth-Mile



13) ***New York State Major Oil Storage Facilities:*** sites with more than a 400,000 gallon capacity for storing petroleum products.

Eighth-Mile



14) ***New York State Petroleum Bulk Storage Facilities:*** sites with more than an 1,100 gallon capacity for storing petroleum products.

Eighth-Mile



15) ***New York City Fire Dept Tank Data:*** tank data from 1997.

Eighth-Mile



16) ***New York and Federal Hazardous Waste Generators and Transporters:*** sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRA). Also includes the following database:

- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

Eighth-Mile



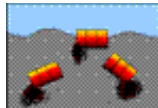
17) ***New York Chemical Bulk Storage Facilities:*** sites storing hazardous substances listed in 6 NYCRR Part 597 in aboveground tanks with capacities of 185 gallons or more and/or underground tanks of any size

Eighth-Mile



18) ***Historic New York City Utility Sites (1890's to 1940's):*** power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites.

Half-Mile



19) ***New York Hazardous Substance Disposal Site Draft Study:*** a state listing of sites contaminated with toxic substances that can pose environmental or public health hazards. These sites were not eligible for state clean up funding programs.

Eighth-Mile



20) ***Federal Toxic Release Inventory Facilities:*** discharges of selected toxic chemicals to air, land, water or treatment facilities.

Eighth-Mile



21) ***Federal Air Discharges:*** air pollution point sources monitored by U.S. EPA and/or state and local air regulatory agencies.

Eighth-Mile



22) ***Federal Permit Compliance System Toxic Wastewater Discharges:*** permitted toxic wastewater discharges.

Eighth-Mile



23) ***Federal Civil and Administrative Enforcement Docket:*** judiciary cases filed on behalf of the U. S. Environmental Protection Agency by the Department of Justice.

On-site only
(250 ft)



24) ***New York City Environmental Quality Review (CEQR) – E Designation Sites:*** parcels assigned a special environmental (“E”) designation under the CEQR process. E designation requires specific protocols that must be followed.

Property only



25) ***ERNS: Federal Emergency Response Notification System Spills:*** a listing of federally reported spills.

Limitations Of The Information In Your Report

The information presented in your *Environmental Report* has been obtained from various local, state and federal government agencies. Please be aware that: **1)** additional information on individual sites may be available, **2)** newly discovered sites are continually reported and **3)** all map locations are approximate. As a result, this report is intended to be the FIRST STEP in the process of identifying and evaluating possible environmental threats to specific properties and can only serve as a guide for conducting on-site visits or additional, more detailed toxic hazard research.

Toxics Targeting tries to ensure that the information in your report is presented accurately and with minimal alteration. Systematic changes are made to correct obvious address errors in order to allow sites to be mapped. Any address changes that are made are noted in the map information section at the top of each corresponding *Toxic Site Profile*. Some information that has been withheld by government authorities remains included in Toxic Site Profiles and is identified as archival information. Since the information presented in your report is not edited, please be aware that it can contain reporting errors or typographical mistakes made by the site owners/operators or government agencies that produced the information. Also please be aware of some other limitations of the information in your report:

- The digital map used by *Toxics Targeting* is the same one used by the U. S. Census or local authorities in New York City. While the map is generally accurate, no map is perfect. In addition, *Toxics Targeting's* mapping methods estimate where toxic site addresses are located if the address is not specifically designated. FOR THESE REASONS, ALL MAP LOCATIONS OF ADDRESSES AND REPORTED TOXIC SITES SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE VERIFIED BY ON-SITE VISITS;
- UNDISCOVERED, UNREPORTED OR UNMAPPABLE TOXIC SITES MIGHT NOT BE IDENTIFIED BY THIS REPORT'S CHECK OF 25 TOXIC SITE CATEGORIES. TOXIC SITES REPORTED IN OTHER GOVERNMENT DATABASES MIGHT ALSO EXIST. FOR THESE REASONS, YOUR REPORT MIGHT NOT IDENTIFY ALL THE TOXIC SITES THAT EXIST IN THE AREA IT SEARCHES;
- The appendix of your report contains a listing of sites that could not be mapped due to incomplete or erroneous address information or other mapping problems. This listing includes unmappable toxic sites in the zip codes searched for the report as well as toxic sites without zip codes reported in the same county. IF YOU WOULD LIKE INFORMATION ON ANY OF THE LISTED SITES, PLEASE CONTACT *TOXICS TARGETING* AND REFER TO THE SITE ID NUMBER.
- New York State Department of Environmental Conservation Remediation Site Borders are approximate and may not align with tax parcel boundaries mapped by local authorities or the digital map used by the US Census Bureau. As a result, Remediation Site Borders may overlap parcels that do not involve site remediation activities. Selected parcels also can involve multiple Remediation Site Borders. Refer to individual site profiles for more information. Sites without profiles include potential new sites or sites that have not yet been publicly listed by DEC.
- Some toxic sites identified in your report may be classified as **known hazards**. Most of the toxic sites identified in your report involve **potential hazards** related to the on-site use, manufacture, handling, storage, transport or disposal of toxic chemicals. Some of the toxic sites identified in your report may be the addresses of parties responsible for toxic sites located elsewhere. YOU SHOULD ONLY CONCLUDE THAT TOXIC HAZARDS ACTUALLY EXIST AT A SPECIFIC SITE WHEN GOVERNMENT AUTHORITIES MAKE THAT DETERMINATION OR WHEN THAT CONCLUSION IS FULLY DOCUMENTED BY THE FINDINGS OF AN APPROPRIATE SITE INVESTIGATION UNDERTAKEN BY LICENSED PROFESSIONALS;

- Compass directions and distances are approximate. Compass directions are calculated from the subject property address to the mapped location of each identified toxic site. The compass direction does not necessarily refer to the closest property boundary of an identified toxic site. The compass direction also can vary substantially for toxic sites that are located very close to the subject property address.
- The information presented in your report is a summary of the information that *Toxics Targeting* obtains from government agencies on reported toxic sites. YOU MAY BE ABLE TO OBTAIN ADDITIONAL INFORMATION ABOUT REPORTED SITES WITH THE FREEDOM OF INFORMATION REQUEST FORM LETTERS THAT ARE PROVIDED ON THE INSIDE OF THE BACK COVER.

Section One:

Report Summary

- *Table One: Number of Identified Toxic Sites By Distance Interval*
- *Table Two: Identified Toxic Sites By Direction*
- *Table Three: Identified Toxic Sites By Category*
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- *Map One: One-Mile Radius Map*
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- *Map Four: Eighth-Mile Radius Close up Map*
- *Map Five: Tax Parcel Map*
- *Table Five: Tax Parcel Map Information Table*

NUMBER OF IDENTIFIED SITES BY DISTANCE INTERVAL

Database Searched	0 – 100 ft	100 ft – 1/8 mi	1/8 mi – 1/4 mi	1/4 mi – 1/2 mi	1/2 mi – 1 mi	Site Category Totals
ASTM-Required 1 Mile Search						
National Priority List (NPL) Sites	0	0	0	0	0	0
NYS Inactive Hazardous Waste Disposal Site Registry	0	0	0	0	2	2
NYS Inactive Haz Waste Disposal Site Registry Qualifying	0	0	0	0	0	0
RCRA Corrective Action (CORRACTS) Sites	0	0	0	1	0	1
ASTM-Required 1/2 Mile Search						
Delisted National Priority List (NPL) Sites	0	0	0	0	Not searched	0
CERCLIS Superfund Non-NFRAP Sites	0	0	0	0	Not searched	0
CERCLIS Superfund NFRAP Sites	0	0	0	0	Not searched	0
Brownfields Sites						
Voluntary Cleanup Program	0	0	1	1	Not searched	2
Environmental Restoration Program	0	0	0	0	Not searched	0
Brownfield Cleanup Program	0	0	1	1	Not searched	2
NYSDEC Solid Waste Facilities / Landfills	0	0	0	1	Not searched	1
RCRA Hazardous Waste Treatment, Storage, Disposal Sites	0	0	0	0	Not searched	0
NYS Toxic Spills						
Active Tank Failures	0	0	0	0	Not searched	0
Active Tank Test Failures	0	0	1	7	Not searched	8
Active Spills – Unknown / Other Causes	0	0	0	33	Not searched	33
Active Spills – Miscellaneous Causes	0	0	1(5)	6(25)	Not searched	7(30)
Closed Tank Failures	0	0	7	20	Not searched	27
Closed Tank Test Failures	0	0	14	23	Not searched	37
Closed Spills – Unknown / Other Causes	2	9	73	354	Not searched	438
Closed Spills – Miscellaneous Causes	8	25	12(96)	66(583)	Not searched	111(679)
ASTM-Required Property & Adjacent Property (1/8 Mile Search)						
NYS Major Oil Storage Facilities	0	0	Not searched	Not searched	Not searched	0
Local & State Petroleum Bulk Storage Sites	1	16	Not searched	Not searched	Not searched	17
RCRA Hazardous Waste Generators & Transporters	2	37	Not searched	Not searched	Not searched	39
NYS Chemical Bulk Storage Sites	0	0	Not searched	Not searched	Not searched	0
Historic Utility Facilities	0	0	Not searched	Not searched	Not searched	0
ASTM-Required On-Site Only Search						
NYC Environmental Quality Review Requirements ("E") Sites*	0	1	Not searched	Not searched	Not searched	1
Emergency Response Notification System (ERNS)	0	Not searched	Not searched	Not searched	Not searched	0
Institutional Controls / Engineering Controls (IC/EC)	See databases for NPL, CERCLIS, Inactive Hazardous Waste Disposal Site Registry and Brownfield Sites.					
ASTM-Required Databases Distance Interval Totals	13	88	110(101)	513(608)	2	726(709)

Numbers in () indicate spills not mapped and profiled in this report, and are listed at the end of the active and closed spills sections. See these lists for a description of the parameters involved with identifying these spills.

* NYC Environmental Quality Review Requirements ("E") Sites were searched at 250 feet.

NOTE: Table continues on next page.

Non-ASTM Databases 1/2 Mile Search

1934 NYC Municipal Waste Landfills	0	0	0	0	Not searched	0
Hazardous Substance Waste Disposal Sites	0	0	0	0	Not searched	0

Non-ASTM Databases 1/8 Mile Search

Toxic Release Inventory Sites (TRI)	0	0	Not searched	Not searched	Not searched	0
Permit Compliance System (PCS) Toxic Wastewater Discharges	0	0	Not searched	Not searched	Not searched	0
Air Discharges	1	1	Not searched	Not searched	Not searched	2
Civil & Administrative Enforcement Docket Facilities	0	1	Not searched	Not searched	Not searched	1

Non-ASTM Databases Distance Interval Totals	1	2	0	0	Not Searched	3

<i>Distance Interval Totals</i>	<i>14</i>	<i>90</i>	<i>110(101)</i>	<i>513(608)</i>	<i>2</i>	<i>729(709)</i>

Numbers in () indicate spills not mapped and profiled in this report, and are listed at the end of the active and closed spills sections. See these lists for a description of the parameters involved with identifying these spills.

Identified Toxic Sites by Direction

Rockefeller Univ. Laboratory Building
New York, NY 10021

* Compass directions can vary substantially for sites located very close to the subject property address.

Sites less than 100 feet from subject property sorted by distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
121		68TH ST / YORK AVE	56 feet to the NNW*	Closed Status Spill (Unk/Other Cause)
559	ON STREET	E. 68TH ST / YORK AVE	56 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
560	NY HOSPITAL COMPLEX	68TH STREET / YORK AVE	56 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
687	CONSOLIDATED EDISON	EAST 68TH ST & YORK	56 feet to the NNW*	Hazardous Waste Generator/Transporter
688	CONSOLIDATED EDISON	N/W/C E.68TH & YORK AVE	56 feet to the NNW*	Hazardous Waste Generator/Transporter
670	THE ROCKEFELLER UNIVERSITY	1230 YORK AVENUE	83 feet to the NNW*	Petroleum Bulk Storage Site
122	ROCKEFELLER UNIVERSITY	1188 YORK AVE	91 feet to the NNW*	Closed Status Spill (Unk/Other Cause)
561	VAULT Z2166	1188 YORK AVE	91 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
562	ROCKEFELLER UNIVERSITY	1230-52 YORK AVE	91 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
563	BOILER ROOM	1230 YORK AVE	91 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
564	POWER PLANT	1188 YORK AVE	91 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
565	ROCKEFELLER UNIV ENGINE R	1230 YORK AVE	91 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
566	ROCKEFELLER UNIVERSITY	1230 YORK AV	91 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
726	ROCKEFELLER UNIVERSITY	1230 YORK AVENUE	97 feet to the NNW*	Air Discharge Site

Sites between 100 ft and 400 ft from the subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
693	WEILL CORNELL MEDICAL COLLEGE	1300 YORK AVENUE	292 feet to the N	Hazardous Waste Generator/Transporter
694	NEW YORK HOSPITALNEW YORK PRESBYTERIAN HOSPITAL	1300 YORK AVENUE	292 feet to the N	Hazardous Waste Generator/Transporter
123	YORK AVE- SOUTH OF EAST 69TH ST	YORK AVE- SOUTH OF EAST 69TH ST	295 feet to the N	Closed Status Spill (Unk/Other Cause)
569	MANHOLE M57127	YORK AVE AND EAST 69TH STREET	295 feet to the N	Closed Status Spill (Misc. Spill Cause)
570	NYC TRANSIT	YORK AVE & 69TH STREET	295 feet to the N	Closed Status Spill (Misc. Spill Cause)
571	MANHOLE 57127	EAST 69TH/YORK AVE	295 feet to the N	Closed Status Spill (Misc. Spill Cause)
695	CONSOLIDATED EDISON	69TH ST & YORK AVE - MH 57127	295 feet to the N	Hazardous Waste Generator/Transporter
696	CONSOLIDATED EDISON	MH57127-YORK AVE & 6998	295 feet to the N	Hazardous Waste Generator/Transporter
697	CONSOLIDATED EDISON	MH57127-E 69TH ST & YORK AVE	295 feet to the N	Hazardous Waste Generator/Transporter
698	CONSOLIDATED EDISON	C/O YORK AVE 22' S/O E 69 ST	295 feet to the N	Hazardous Waste Generator/Transporter
727	NEW YORK- PRESBYTERIAN HOSPITAL	525 EAST 68TH STREET	336 feet to the N	Air Discharge Site
728	NEW YORK HOSPITAL THE	525 E 68TH ST	339 feet to the N	Civil & Admin. Enforcement Docket Site
124	525 EAST 68TH STREET	525 EAST 68TH STREET	345 feet to the N	Closed Status Spill (Unk/Other Cause)
574	NY HOSPITAL	5251 E.68TH ST	345 feet to the N	Closed Status Spill (Misc. Spill Cause)
575	525 E 68TH ST/NY HOSPITAL	525 EAST 68TH STREET	345 feet to the N	Closed Status Spill (Misc. Spill Cause)
576	EAST 71ST ST/NY HOSPITAL	EAST 71ST STREET	345 feet to the N	Closed Status Spill (Misc. Spill Cause)
577	CORNELL MEDICAL COLLEGE	1300 YORK AVE	345 feet to the N	Closed Status Spill (Misc. Spill Cause)
578	NY PRESBYTERIAN HOSPITAL	525 EAST 68TH ST	345 feet to the N	Closed Status Spill (Misc. Spill Cause)
579	NY PRES. HOSP	525 EAST 68	345 feet to the N	Closed Status Spill (Misc. Spill Cause)
580	NY PRESBATARIAN HOSP	INT 70TH & YORK AVE ANNE	345 feet to the N	Closed Status Spill (Misc. Spill Cause)

672	NEW YORK PRESBYTERIAN HOSPITAL	525 EAST 68TH STREET	350 feet to the N	Petroleum Bulk Storage Site
583	PRIVATE HOME- APT 240	504 EAST 63RD ST	392 feet to the SW	Closed Status Spill (Misc. Spill Cause)
125	CONSOLIDATED EDISON	YORK AV @ EAST 66ND ST	389 feet to the WNW	Closed Status Spill (Unk/Other Cause)
704		MH57125 YORK & 66TH ST	389 feet to the WNW	Hazardous Waste Generator/Transporter
691	CONSOLIDATED EDISON	E 67TH ST. & YORK AVE. MH 60023	140 feet to the NW*	Hazardous Waste Generator/Transporter
567	CONSOLIDATED EDISON VAULT ROOM IN FRONT OF MEMORIAL SLOAN KETTERING CANCER CENTER MEMORIAL SLOAN KETTERING & NYC BLOOD CTR MEMORIAL SLOAN KETTERING CANCER CENTER SLOAN KETTERING MEMORIAL HOSPITAL MANHOLE#TM4375	440 E 67ND ST	199 feet to the NW*	Closed Status Spill (Misc. Spill Cause)
692		F/O 1241 YORK AVE & N/O 66TH ST	221 feet to the NW	Hazardous Waste Generator/Transporter
572		430 EAST 67TH STREET	324 feet to the NW	Closed Status Spill (Misc. Spill Cause)
573		430 EAST 67TH ST	324 feet to the NW	Closed Status Spill (Misc. Spill Cause)
699		1275 YORK AVE	338 feet to the NW	Hazardous Waste Generator/Transporter
700		1275 YORK AVE	338 feet to the NW	Hazardous Waste Generator/Transporter
701		1275 YORK AVE	338 feet to the NW	Hazardous Waste Generator/Transporter
702		1275 YORK AVE	338 feet to the NW	Hazardous Waste Generator/Transporter
581		444 EAST 68TH ST/YORK AVE	365 feet to the NW	Closed Status Spill (Misc. Spill Cause)
689		1230 YORK AVENUE	129 feet to the NNW*	Hazardous Waste Generator/Transporter
690	ROCKEFELLER UNIVERSITY	1230 YORK AVE	129 feet to the NNW*	Hazardous Waste Generator/Transporter
729	PHIPPS HOUSE 445 EAST 68TH STREET CONSOLIDATED EDISON ZUCKERMAN RESEARCH CENTER MEMORIAL HOSPITAL VAULT 6323 NOT 2810 MANHOLE #12655	BLOCK: 1463 LOT: 21	240 feet to the NNW	NYC Env. Qual. Review-"E" Designation
671		445 E 68TH ST	253 feet to the NNW	Petroleum Bulk Storage Site
568		445 EAST 68TH STREET	255 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
703		428 E 69TH ST	359 feet to the NNW	Hazardous Waste Generator/Transporter
673		417 EAST 68TH STREET	381 feet to the NNW	Petroleum Bulk Storage Site
674		417 E 68 ST	381 feet to the NNW	Petroleum Bulk Storage Site
582		417 E 68 STREET AT YORK AVENUE	387 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
126		436 E 69TH ST	395 feet to the NNW	Closed Status Spill (Unk/Other Cause)

Sites equal to or greater than 400 ft from subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
585	PARKING GARAGE	1305 YORK AVE	496 feet to the N	Closed Status Spill (Misc. Spill Cause)
676	WCMC – WEILL GREENBERG CENTER	1305 YORK AVENUE	496 feet to the N	Petroleum Bulk Storage Site
128	70TH ST &	YORK AV	556 feet to the N	Closed Status Spill (Unk/Other Cause)
129	ASBESTOS FOUND IN EXCAVATION	EAST 70 STREET AND YORK AVENUE	556 feet to the N	Closed Status Spill (Unk/Other Cause)
588	E 70TH ST/YORK AVE	E 70TH ST/YORK AVE	556 feet to the N	Closed Status Spill (Misc. Spill Cause)
722	CONSOLIDATED EDISON	E 70TH ST & YORK AVE	556 feet to the N	Hazardous Waste Generator/Transporter
723	CONSOLIDATED EDISON	E 70 ST & YORK AVE MH48506	556 feet to the N	Hazardous Waste Generator/Transporter
682	PHIPPS HOUSES	437 EAST 70TH STREET	600 feet to the N	Petroleum Bulk Storage Site
136	NY PRES. HOSP	1320 YORK AVE	678 feet to the N	Closed Status Spill (Unk/Other Cause)
140	218333; 1313-27 YORK AVE	1313-27 YORK AVE	721 feet to the N	Closed Status Spill (Unk/Other Cause)
141	VAULT	1313-27 YORK AVE	721 feet to the N	Closed Status Spill (Unk/Other Cause)
594	NEW YORK HOSPITAL	71ST ST / YORK AVE	813 feet to the N	Closed Status Spill (Misc. Spill Cause)
154	E.71ST ST 1ST & YORK	E. 71ST ST BET 1ST & YORK	920 feet to the N	Closed Status Spill (Unk/Other Cause)
160	206494; YORK AVE	YORK AVE	955 feet to the N	Closed Status Spill (Unk/Other Cause)
88	1339 YORK AVE/MANHATTAN	1339 YORK AVE	976 feet to the N	Closed Status Tank Test Failure
89	MARY MANNING NURSING HOME	1339 YORK AVE	976 feet to the N	Closed Status Tank Test Failure
169	MANHOLE 59969	YORK AVE & EAST 72ND ST	1099 feet to the N	Closed Status Spill (Unk/Other Cause)

170	MANHOLE #5590	EAST 72TH & YORK AVE	1099 feet to the N	Closed Status Spill (Unk/Other Cause)
171	MANHOLE 59969	YORK AV/EAST 72ND ST	1099 feet to the N	Closed Status Spill (Unk/Other Cause)
598	72ND ST & YORK AVENUE	72ND ST / YORK AVENUE	1099 feet to the N	Closed Status Spill (Misc. Spill Cause)
599	MANHOLE #61861	E 72ND ST/YORK AVE	1099 feet to the N	Closed Status Spill (Misc. Spill Cause)
195	ODOR IN EXCAVATION	IN FRONT OF 413 EAST 72 STREET	1224 feet to the N	Closed Status Spill (Unk/Other Cause)
196		400/402 EAST 72ND ST	1232 feet to the N	Closed Status Spill (Unk/Other Cause)
210	OPEN EXCAVATION	1ST AVE EAST 72ND ST	1335 feet to the N	Closed Status Spill (Unk/Other Cause)
211	FEEDER LEAK	72ND ST / 1ST AVE	1335 feet to the N	Closed Status Spill (Unk/Other Cause)
212	EXCAVATION SITW	72ND ST / 1ST AVE	1335 feet to the N	Closed Status Spill (Unk/Other Cause)
604	MANHOLE 7293	72ND ST & 1ST ST	1335 feet to the N	Closed Status Spill (Misc. Spill Cause)
219	MANHOLE #60636	YORK AVE/73RD ST	1383 feet to the N	Closed Status Spill (Unk/Other Cause)
220	DISTRIBUTION MANHOLE	E 73 RD ST & YORK AVE	1383 feet to the N	Closed Status Spill (Unk/Other Cause)
221	FEEDER 38M33	73RD ST & YORK AVE	1383 feet to the N	Closed Status Spill (Unk/Other Cause)
605	OIL FOUND IN MANHOLE # 60636	ON YORK AVENUE NEAR 73 STREET	1383 feet to the N	Closed Status Spill (Misc. Spill Cause)
258	CORNER OF 1ST AVE AND	EAST 73RD STREET	1578 feet to the N	Closed Status Spill (Unk/Other Cause)
281	410 EAST 74TH ST	410 EAST 74TH ST	1636 feet to the N	Closed Status Spill (Unk/Other Cause)
12	CHURCH OF THE EPIPHANY	1393 YORK AVE	1738 feet to the N	Active Tank Test Failure
294	CHURCH OF THE EPIPHANY	1393 YORK AV	1738 feet to the N	Closed Status Spill (Unk/Other Cause)
296	345 EAST 73RD ST	345 EAST 73RD ST	1758 feet to the N	Closed Status Spill (Unk/Other Cause)
343	211382; 1ST AVENUE AND E 74 STREET	1ST AVENUE AND E 74 STREET	1813 feet to the N	Closed Status Spill (Unk/Other Cause)
344	EAST 74TH ST GENERATING S	E 74TH ST/ 1ST AVE	1813 feet to the N	Closed Status Spill (Unk/Other Cause)
345	REGULATOR 02A	74TH ST AND 1ST AV	1813 feet to the N	Closed Status Spill (Unk/Other Cause)
109	442 EAST 75TH STREET	442 E 75TH ST	1845 feet to the N	Closed Status Tank Test Failure
349		440 EAST 75TH ST	1848 feet to the N	Closed Status Spill (Unk/Other Cause)
73	340 EAST 74TH STREET	340 EAST 74TH STREET	1857 feet to the N	Closed Status Tank Failure
111	APRT	343 EAST 74TH STREET	1951 feet to the N	Closed Status Tank Test Failure
367	COMMERCIA PROPERTY	429 EAST 75TH STREET	2023 feet to the N	Closed Status Spill (Unk/Other Cause)
398	208660; E 75 ST	E 75 ST	2116 feet to the N	Closed Status Spill (Unk/Other Cause)
399	420 EAST 76TH ST/MANH	420 EAST 76TH STREET	2131 feet to the N	Closed Status Spill (Unk/Other Cause)
415	333 EAST 75TH ST	333 EAST 75TH ST	2241 feet to the N	Closed Status Spill (Unk/Other Cause)
420	IN FRONT OF	402 EAST 76TH ST	2269 feet to the N	Closed Status Spill (Unk/Other Cause)
425	CONSTRUCTION SITE	76TH AND 1ST ST	2304 feet to the N	Closed Status Spill (Unk/Other Cause)
426	MANHOLE 57310	411 E 76TH ST	2324 feet to the N	Closed Status Spill (Unk/Other Cause)
120	CLOSED-LACKOF RECENT INFO	401 EAST 77TH STREET	2571 feet to the N	Closed Status Tank Test Failure
127	70TH ST IN EAST RIVER	70TH ST IN EAST RIVER	518 feet to the NNE	Closed Status Spill (Unk/Other Cause)
715	CONSOLIDATED EDISON	MH513221-FDR DR & 70TH ST	518 feet to the NNE	Hazardous Waste Generator/Transporter
716	CON ED	E 70 ST & FDR DR MH60024	518 feet to the NNE	Hazardous Waste Generator/Transporter
717	CON EDISION - EXC10021	70TH ST & FDR 70TH ST & FDR	518 feet to the NNE	Hazardous Waste Generator/Transporter
718	CON EDISION - MH51384	70TH ST. AND E.RIVER DR. 70TH	518 feet to the NNE	Hazardous Waste Generator/Transporter
725	HOSPITAL FOR SPECIAL SURGERY	535 EAST 70TH STREET	650 feet to the NNE	Hazardous Waste Generator/Transporter
139	214847; 535 E 70 ST	535 E 70 ST	706 feet to the NNE	Closed Status Spill (Unk/Other Cause)
58	512 EAST 71ST STREET	512 EAST 71ST STREET	711 feet to the NNE	Closed Status Tank Failure
50	FDR DR & E 71ST ST	FDR DR / EAST 71ST ST	781 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
145	CORNELL MEDICAL CENTER	FDR DRIVE NEAR 71ST STREE	781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
146	EAST 71ST STREET & FDR DR	EAST 71ST ST / FDR DR	781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
147	MANHOLE - #2 PIPELINE	71 ST / FDR DRIVE	781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
148	FDR SERVICE RD	E 71ST ST	781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
149	MH 427	FDR DR/ 71ST ST	781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
592	BETWEEN 70 & 72 STREETS	BET 70TH & 72ND ST FDR DR	781 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
60	523 EAST 71ST STREET	523 EAST 71ST STREET	923 feet to the NNE	Closed Status Tank Failure
155	520 EAST 72ND ST/MANH	520 EAST 72ND STREET	923 feet to the NNE	Closed Status Spill (Unk/Other Cause)
156		517 EAST 71ST ST	923 feet to the NNE	Closed Status Spill (Unk/Other Cause)

157		520 E. 72ND ST	923 feet to the NNE	Closed Status Spill (Unk/Other Cause)
189		525 E. 72ND ST	1164 feet to the NNE	Closed Status Spill (Unk/Other Cause)
194	SERVICE BOX 13323	522 E. 73RD ST	1219 feet to the NNE	Closed Status Spill (Unk/Other Cause)
51	CON EDISON / MAN	EAST 73RD ST / FDR DR.	1323 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
207	MANHOLE 60445	FRANKLIN ROSEVELT DR/E 73	1323 feet to the NNE	Closed Status Spill (Unk/Other Cause)
208	WARDS ISLAND M-1	73RD ST & FDR DR	1323 feet to the NNE	Closed Status Spill (Unk/Other Cause)
10	MANHATTAN 5, 8, 8A GARAGE DPR -DDC	545 EAST 73RD STREET	1508 feet to the NNE	Active Tank Test Failure
68	MANHATTAN EAST 05,08 ,08A DOS -DDC	545 EAST 73RD STREET	1508 feet to the NNE	Closed Status Tank Failure
99	MANHATTAN EAST 05,08,08A DOS -DDC	545 EAST 73RD STREET	1508 feet to the NNE	Closed Status Tank Test Failure
100	MANHATTAN EAST 05,08,08A DOS -DDC	545 EAST 73RD STREET	1508 feet to the NNE	Closed Status Tank Test Failure
101	NYCDOS MANH E. 5, 8 & 8A -DDC	545 EAST 73RD STREET	1508 feet to the NNE	Closed Status Tank Test Failure
608	MANHATTAN EAST 08A DOS -DDC	545 EAST 73RD STREET	1508 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
609	MANHATTAN 8 GARAGE	543 EAST 73RD STREET	1508 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
254	PRIVATE DWELLING	512 EAST 74TH STREET	1551 feet to the NNE	Closed Status Spill (Unk/Other Cause)
255	213285; 508 E 74 ST	508 E 74 ST	1564 feet to the NNE	Closed Status Spill (Unk/Other Cause)
256	213281; 508 E 74 ST	508 E 74 ST	1564 feet to the NNE	Closed Status Spill (Unk/Other Cause)
257	CON EDISON EAST 74 GENERATING STATION	506 EAST 74 TH ST	1571 feet to the NNE	Closed Status Spill (Unk/Other Cause)
611	E 74TH ST GEN STATION	506 E 74TH STREET	1571 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
282	525 E 74TH ST	525 E 74TH ST	1644 feet to the NNE	Closed Status Spill (Unk/Other Cause)
19	74TH ST GENERATING STATION	74TH ST AND YORK AVE	1647 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
284	74TH ST & YORK AVE	74TH ST & YORK AVE	1647 feet to the NNE	Closed Status Spill (Unk/Other Cause)
285	217975; E 74 ST AND YORK AVE	E 74 ST AND YORK AVE	1647 feet to the NNE	Closed Status Spill (Unk/Other Cause)
286	213222; E. 74 ST AND YORK AVE.	E. 74 ST AND YORK AVE.	1647 feet to the NNE	Closed Status Spill (Unk/Other Cause)
287	VAULT #3946	EAST 74TH AT YORK AVE	1647 feet to the NNE	Closed Status Spill (Unk/Other Cause)
288	VAULT 3946	EAST 74TH ST	1647 feet to the NNE	Closed Status Spill (Unk/Other Cause)
300	1402 YORK AVENUE	1402 YORK AVENUE	1774 feet to the NNE	Closed Status Spill (Unk/Other Cause)
20	CON ED 74TH GEN ST	506 EAST 75TH ST	1781 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
21	74 ST GEN STATION. BASEMENT TRENCH	506 EAST 75 STREET	1781 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
22	E 74 ST GENERATING STATION	506 EAST 75 STREET	1781 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
23	EAST 74 STREET GENERATING STATION	506 EAST 75 STREET	1781 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
72	75TH ST SUBSTATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Tank Failure
301	74TH ST GEN STATION	E75TH ST & EAST RIVER	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
302	E74TH ST GENERATING STA.	3RD FLOOR BAY	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
303	74 TH ST GEN. STATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
304	GENERATING STATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
305	74TH ST SUBSTATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
306	74TH ST GENERATING STA.	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
307	506 EAST 75RD STREET	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
308	CON-ED - 74TH ST GEN. STA	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
309	CON-ED - 74TH ST GEN. STA	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
310	74TH ST GEN STATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
311	74TH ST GEN STATION	74TH ST & YORK AVE	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
312	74TH STREET STA.	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
313	74TH ST. GEN. STATION	74TH STREET STA.	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
314	CON ED FACILITY	506 E 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
315	IN TAKE TUNEL EMIS 217705	75TH ST. & YORK AVE	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
316	CON ED 74TH ST GEN STATION	506 EAST 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
317	74TH ST GENERATING STATION	506 EAST 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
318	CON ED 74TH ST GEN STATION	506 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
319	74TH STREET GEN STATION	506 EAST 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
320	74TH ST GENERATING STATION	506 EAST 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
321	CONED GEN-STATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
322	CONED TUNNEL	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)

323	SHEEN IN DISCHARGE TUNNEL	506 EAST 75 STREET. GEN STATION	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
324	74 ST STEAM STATION. LUBE OIL, 1 GAL	506 EAST 75 STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
325	74 ST GEN STATION. BASEMENT TRENCH	506 EAST 75 STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
326	SHEEN IN EAST RIVER FROM BOILER	506 EAST 75 ST. 74 ST GEN STATION	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
327	74 ST STEAM GENERATING STATION	506 EAST 75 STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
328	EAST RIVER	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
329	74 ST GENERATING STATION	506 EAST 75 STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
330	#6 FO FOUND IN RETIRED MOAT AT DOCK	74 ST & YORK AVE. GENERATING STATION	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
331		506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
332	74TH ST GENERATING STAT	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
333		506 E 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
334	74TH ST GENERATING STA	74TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
335	74TH ST GENERATING STAT	506 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
336	74TH ST GENERATING STATIO	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
337	74TH ST GENERATING STATIO	74TH ST GENERATING STATION	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
338	74TH ST GEN.STATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
339	74TH ST GENERATING STATIO	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
340	74TH ST GENERATING STAT.	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
612	74TH ST STATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
613	74TH ST SUBSTATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
614	506 E.75TH ST	506 E.75TH ST	1781 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
615	CON ED 74TH ST GENERATING STATION	506 EAST 75TH ST	1781 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
24	VAULT 1611	EAST 75TH ST AND FDR DR	1883 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
353	217495; E 75 ST AND YORK AVE	E 75 ST AND YORK AVE	1912 feet to the NNE	Closed Status Spill (Unk/Other Cause)
354	216923; E 75 ST AND YORK AVE	E 75 ST AND YORK AVE	1912 feet to the NNE	Closed Status Spill (Unk/Other Cause)
355	214146; E 75 ST AND YORK AVE	E 75 ST AND YORK AVE	1912 feet to the NNE	Closed Status Spill (Unk/Other Cause)
356	MANHOLE #60161	E 75TH ST & YORK AVE	1912 feet to the NNE	Closed Status Spill (Unk/Other Cause)
357	OIL ENTERING EAST WALL OF MH 61165	EAST 75 STREET & YORK AVENUE	1912 feet to the NNE	Closed Status Spill (Unk/Other Cause)
358	BLACK CLAY SUBSTANCE IN EXCAVATION	75TH STREET EAST OF YORK	1912 feet to the NNE	Closed Status Spill (Unk/Other Cause)
76	OLD VACANT PROPERTY	503-509 E.75TH ST	1989 feet to the NNE	Closed Status Tank Failure
364	502-512 E 76TH ST	503-509 E 75TH ST	1989 feet to the NNE	Closed Status Spill (Unk/Other Cause)
365	506 EAST 76TH STREET	503-509 EAST 75TH STREET	1989 feet to the NNE	Closed Status Spill (Unk/Other Cause)
25	PROMENENADE CONDOMINIUM	530 EAST 76TH ST	1991 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
368	EAST 75TH ST SUBSTATION	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
369		E 75TH STREET SUBSTATION	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
370	SUBSTATION IN MANHATTAN	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
371	EAST 75TH STREET SUB-STAT	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
372	525 75TH STREET	525 75TH ST	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
373	74TH ST GENERATING STATION	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
374	CON ED GENERATING STATION	525 EAST 75TH ST	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
375	EAST 75TH ST SUBSTATION	525 EAST 75TH ST	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
376	EAST 75 ST S/S. XFMR # 1, 16 OZ	525 EAST 75 STREET. SUBSTATION	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
377	EAST 75 ST S/S - XFMR # 5, SIX GALLONS	525 EAST 75 STREET - SUBSTATION	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
378	EAST 75TH SUBSTATION	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
379	CON ED	575 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
380	MANHOLE 426	E75TH ST SUB-STATION	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
381	MANHOLE #426/E 75TH ST	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
382	75TH STREET SUBSTATION	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
617	EAST 75TH ST SUB STATION	75TH ST	2033 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
618	EAST 75TH ST. SUB STATION	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
6	EAST 75TH EAST 76TH STREET PROPERTIES	503-509 EAST 75TH ST.& 502-504 EAST 76TH ST.	2035 feet to the NNE	Brownfields Site
394	MANHOLE #3815	504 E 76TH ST	2089 feet to the NNE	Closed Status Spill (Unk/Other Cause)
400	MANHOLE #60303	E. 76TH ST & CHEROKEE PL	2142 feet to the NNE	Closed Status Spill (Unk/Other Cause)

406	MANHOLE # 60153	EAST 76TH STREET AND YORK AVE	2176 feet to the NNE	Closed Status Spill (Unk/Other Cause)
407	MAN HOLE 60153	EAST 76 ST AND YORK AVE	2176 feet to the NNE	Closed Status Spill (Unk/Other Cause)
408	212174; E 76 ST AND YORK AVE	E 76 ST AND YORK AVE	2176 feet to the NNE	Closed Status Spill (Unk/Other Cause)
409	SEVEN GAL OIL IN MANHOLE # 57132	YORK AVENUE & EAST 76 STREET	2176 feet to the NNE	Closed Status Spill (Unk/Other Cause)
117	430 E 77 ST	430 EAST 77TH ST	2382 feet to the NNE	Closed Status Tank Test Failure
118	CLOSED-LACKOF RECENT INFO	430 EAST 77TH STREET	2382 feet to the NNE	Closed Status Tank Test Failure
16	NYC PARKS	77TH STREET AND CHEROKEE	2406 feet to the NNE	Active Tank Test Failure
436	JOHN JAY PARK	E 77TH ST / CHEROKEE PLAC	2406 feet to the NNE	Closed Status Spill (Unk/Other Cause)
438	JOHN JAY BATHHOUSE	76-01 FDR DRIVE	2424 feet to the NNE	Closed Status Spill (Unk/Other Cause)
440	MANHOLE 60281	EAST 77TH ST/YORK AVE	2439 feet to the NNE	Closed Status Spill (Unk/Other Cause)
167	EAST RIVER E. 72ND STREE	EAST RIVER E. 72ND STREET	1064 feet to the NE	Closed Status Spill (Unk/Other Cause)
168	EAST RIVER/72ND ST&FDR DR	EAST RIVER / 72ND ST	1064 feet to the NE	Closed Status Spill (Unk/Other Cause)
238	EAST RIVER	BETWEEN 73RD & 74TH ST.	1481 feet to the NE	Closed Status Spill (Unk/Other Cause)
276	74TH ST & FDR DRIVE	74TH ST / FDR DRIVE	1619 feet to the NE	Closed Status Spill (Unk/Other Cause)
277	74TH ST & FDR DRIVE	74TH ST FDR DRIVE	1619 feet to the NE	Closed Status Spill (Unk/Other Cause)
278	218061; FDR W RDWAY AND 74TH ST	FDR W RDWAY AND 74TH ST	1619 feet to the NE	Closed Status Spill (Unk/Other Cause)
279	EAST RIVER	EAST RIVER I/A/O EAST 74TH ST	1619 feet to the NE	Closed Status Spill (Unk/Other Cause)
366	E. RIVER 75 & 76TH STS	E. RIVER / 76TH ST	2010 feet to the NE	Closed Status Spill (Unk/Other Cause)
61	ROOSEVELT ISLAND OPER	591 MAIN ST	1166 feet to the ENE	Closed Status Tank Failure
94	APARTMENT COMPLEX	625 MAIN ST	1238 feet to the ENE	Closed Status Tank Test Failure
95	RESIDENCE	625 MAIN ST	1238 feet to the ENE	Closed Status Tank Test Failure
65		645 MAIN ST	1421 feet to the ENE	Closed Status Tank Failure
116	ROOSEVELT ISLAND OPERATIONS CORP	684 MAIN ST	2276 feet to the ENE	Closed Status Tank Test Failure
555	SRECIAL OPS COMMAND	750 EAST MAIN ST/RANDALLS	2597 feet to the ENE	Closed Status Spill (Unk/Other Cause)
165	VAULT 8984	555 MAIN STREET	1035 feet to the E	Closed Status Spill (Unk/Other Cause)
96	RESIDENCE	540 MAIN ST	1242 feet to the E	Closed Status Tank Test Failure
97	540 MAIN ST	540 MAIN STREET	1242 feet to the E	Closed Status Tank Test Failure
421	FOOT OF ROOSEVELT IS.BRDG	FOOT OF ROOSEVELT IS.BRDG	2292 feet to the E	Closed Status Spill (Unk/Other Cause)
164	VAULT 9139	531 MAIN STREET	1026 feet to the ESE	Closed Status Spill (Unk/Other Cause)
413	EAST RIVER	40TH AVE	2217 feet to the ESE	Closed Status Spill (Unk/Other Cause)
3	CONSOLIDATED EDISON	3854 VERNON BLVD RAVENWOOD STA	2381 feet to the ESE	RCRA Corrective Action Site
26	RAVENSWOOD GENERATOR SITE	3854 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
27	GAS TURBINE -RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
28	TUNNEL BTWN 2 STATION -RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
29	GENERATING ST-RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
30	GAS TURBINE -RAVENSWOOD	40TH AVE & VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
31	GEN STATION-RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
32	GAS TURBINE -RAVENSWOOD	40TH AVE VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
33	RAVENWOOD STATION -RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
34	POWER HOUSE-RAVENSWOOD	38-54 VERNEN BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
35	GAS TURBINES-RAVENSWOOD	40TH AVENUE & VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
36	GEN STATION -RAVENSWOOD	38-58 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
37	GAS TURBINES -RAVENSWOOD	VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
38	TRANS CANADA RAVENSWOOD LLC	38 - 54 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
39	TRANSCANADA RAVENSWOOD	38-54 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
40	TRANS CANADA-RAVENSWOOD	3854 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
41	RAINEY PUMP HOUSE FLOOR & A-HOUSE-RAVENSWOOD	38-54 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
42	STAINED SOIL ALONG SOUTH SIDE GT-1 -RAVENSWOOD	38-54 VERNON BLVD. RAVENSWOOD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
43	GS - BOILER HOUSE A-RAVENSWOOD	3854 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)

44	POWER STATION-RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
45	TUNNEL -RAVENSWOOD	RAVENSWOOD TUNNEL	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
46	POWER PLANT-RAVENSWOOD	3854 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
47	-RAVENSWOOD	3854 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
52	GENERATING STA.-RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Misc. Spill Cause)
53	GEN. STATION-RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Misc. Spill Cause)
54	VERNON SUBSTATION & QUEENS BRIDGE	3854 VERNON BLVD / 22-09 39TH AVE	2503 feet to the ESE	Active Haz Spill (Misc. Spill Cause)
55	TRANS CANADA GEN STATION-RAVENSWOOD	38-54 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Misc. Spill Cause)
56	POWER STATION-RAVENSWOOD	3854 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Misc. Spill Cause)
82	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Tank Failure
445	RAVENSWOOD TURBINE SITE	VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
446	RAVENSWOOD POWER STATION	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
447	KEYSPAN	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
448	RAVENSWOOD GAS TURBINE	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
449	MANHOLE 16287	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
450	MANHOLE 16422	VERNON SUB. 3854 VERNON B	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
451	RAVENSWOOD POWER STA.	RAVENSWOOD POWER STA.	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
452	MANHOLE #16287	38-54 VERNON BL	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
453	MANHOLE #16286	38-54 VERNON BL	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
454	RAVENSWOOD GENERATING ST	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
455	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
456	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
457	RAVENWOODS GENERATING	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
458	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
459	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
460	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
461	RAVENSWOOD GEN. STATION	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
462	RAVENSWOOD GAS TURBINE	40TH AVE & VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
463	RAVENSWOODS GENERATING	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
464	RAVENSWOODS GAS TURBINES	37TH AVE AND VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
465	RAVENSWOOD GAS TURBINE SI	37TH AV / VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
466	RAVENSWOOD PLANT	40TH ST AND VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
467	RAVENSWOOD PLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
468	RAVENSWOOD GS	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
469	RAVENSWOOD GAS TURBINES	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
470	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
471	REAR OF RAVENSWOOD GEN.	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
472	EAST RIVER	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
473	VERNON SUBSTATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
474	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
475	LEMON CREEK BARGE	38-50 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
476	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
477	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
478	RAVENSWOOD STEAM PLANT	7-18 37TH AVE	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
479	RAVENSWOOD SUB-STATION	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
480	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
481	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
482	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
483	RAVENSWOOD GENERATING STA	40TH AVENUE & VERNON BOUL	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
484	RAVENSWOOD GENERATING	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
485	CON ED	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
486	RAVENSWOOD GAS TURBINE	40TH AVE & VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
487	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)

488	RAVENSWOOD GEN. STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
489	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
490	RAVENWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
491	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
492	RAVENSWOOD FACILITY	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
493	EAST RIVER	RAVENWOOD GENERATING STA.	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
494	RAVENSWOOD GENERATING ST	VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
495	RAVENSWOOD COMPLEX	VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
496	RAVENHOOD GENERATING STA	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
497	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
498	EAST RIVER	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
499	3854 VERNON BLVD	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
500	RAVENSWOOD GENERATING	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
501	RAVENSWOOD GEN STATION	38-54 GRAND BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
502	RAVENSWOOD GENERATING STA	38054 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
503	RAVENSWOOD TO RAINEY TUNN	RAVENSWOOD TO RAINEY TUNN	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
504	CON ED - RAVENWOOD STA.	38054 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
505	RAVENSWOOD PLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
506	RAVENSWOOD PLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
507	RAVENSWOOD SITE	VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
508	RAVENSWOOD FACILITY	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
509	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
510	37TH AVE/CONED/RAVENSWOOD	37TH AVE/CONED/RAVENSWOOD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
511	38-54 VERNON BLVD/QUEENS	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
512	RAVENSWOOD GEN STATION	3854 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
513	SHEEN AT TRANS CANADA	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
514	RAVENS WOOD YARD	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
515	RAVENSWOOD UTILITY TUNNEL	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
516	SURFACE WATER	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
517	TRANS CANADA	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
518	VERNON SUB STATION/EMIS #222738	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
519	RAVENSWOOD POWER STATION	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
520	TRANS CANADA POWER PLANT	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
521	RAVENS WOOD POWER STATION	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
522	RAVEN'S WOOD POWER STATIO	3854 VERNON BLVD.	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
523	VERNON SUBSTATION	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
524	POWER STATION -RAVENSWOOD	38-54 VERNON BOULVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
525	RAVENSWOOD POWER STATION	38-54 VERNON BOULVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
526	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
527	RAVENS WOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
528	RAVENSWOOD GENERATING STA	3854 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
529	KEYSPAN - EAST RIVER	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
530	RADENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
531	RAVENSWOOD POWER STATION	38-56 VERNON BL	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
532	RAVENSWOODS POWERPLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
533	EAST RIVER	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
534		RAVENSWOOD TUNNEL	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
535	RAVENSWOOD STATION	VERNON BL	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
536	RAVENSWOOD POWER PLANT	36TH AVENUE/VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
537	RAVENWOOD STATION	3854 VEERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
538	RAVENSWOOD GENERATING STA	RAVENSWOOD GENERATING STN	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
539	RAVENSWOOD POWER STATION	3854 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
540	VERNON SUBSTATION PH #2	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)

541	RAVENSWOOD POWER STA	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
542	RAVENSWOOD TUNNEL HOUSE	VERNON BLVD & 37TH AVE	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
543	RAVENSWOOD TUNNEL	40TH AVE/VERNON BL	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
544	VERNON SUBSTATION PH 6	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
545	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
546	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
547	RAVENSWOOD SUB STATION	12TH & 36 AV	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
626	KEYSPAN RAVENSWOOD GT	VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
627	RAVENSWOOD GENERATING STA	3854 VERNON BLVD.	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
628	RAVENWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
629	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
630	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
631	RIVER	38-54 VERNON BL	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
632	WATER	38-54 VERNON BL	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
633	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
634	RAVENSWOOD GENERATION	40TH AVE/BRENNAN BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
635	RAVENWOOD GENERATING STAT	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
636	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
637	RAVENSWOOD GEN STATION	37TH STREET & VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
638	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
639	RAVENSWOOD STA.	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
640	CON EDISON-RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
641	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
642	RAVENSWOOD FACILITY	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
643	38-54 VERNON BLVD/CONED	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
644	RAVENWOOD/QUEENS/CON ED	RAVENWOOD FACILITY/LIC	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
645	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
646	**DRILL**DRILL**TRANSCANADA POWER PLANT	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
647	RAVENSWOOD GEN STATION	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
648	TRANS CANADA	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
649	CON ED TUNNEL	RAVENSWOOD POWER PLANT ON VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
650	TRANS CANADA POWER PLANT	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
651	MANHOLE # 3637	AT KEYSPAN, INSIDE GATE AT	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
652	RAVENS WOOD POWER STATION	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
653	RAVENSWOOD POWER STATION	38-54 VERNON BOULVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
654	RAVENS WOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
655	MANHOLE #3637 - RAVENSWOOD GS	37TH AVE / VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
656	RAVENSWOOD GENERATING STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
657	RAVENS WOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
658	RAVENSWOOD POWER STATION	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
659	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
660	VERNON SUBSTATION - PH 8	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
661	RAVENSWOOD POWER PLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
662	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
663	RAVENSWOOD POWER STATION	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
664	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
665	RAVENSWOOD GEN. STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
666	RAVENWOODS POWER STATION	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
667	RAVENSWOOD GEN STATION	3854 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
668	RAVENSWOOD GENERATING	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
8	CON ED RAVENSWOOD STA		2511 feet to the ESE	Solid Waste Facility
1	NATIONAL RUBBER ADHESIVES, INC.	38-31 9TH STREET	3249 feet to the ESE	NYSDEC Inactive Haz Waste Disposal Site
48	VERNON SUBSTATION	VERNON BLVD & 41ST AV	2575 feet to the SE	Active Haz Spill (Unknown/Other Cause)

550	VERNON SUBSTATION	VERNON BLVD & 41ST ST	2575 feet to the SE	Closed Status Spill (Unk/Other Cause)
551	VERNON SUBSTATION	VERNON AVENUE AT 41ST ST	2575 feet to the SE	Closed Status Spill (Unk/Other Cause)
552	MANHOLE 15865	VERNON SUB STATION	2575 feet to the SE	Closed Status Spill (Unk/Other Cause)
49	QUEENSBRIDGE PARK	VERNON BLVD	2611 feet to the SE	Active Haz Spill (Unknown/Other Cause)
556	QUEENS BRIDGE PARK	CRNR OF VENNA AND 41ST	2611 feet to the SE	Closed Status Spill (Unk/Other Cause)
427	QUEENS BOROUGH BRIDGE	QUEENS BOROUGH BRIDGE	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
428	QUEENSBORO BRIDGE	QUEENSBORO BRIDGE	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
429	59TH ST BRIDGE	59TH ST BRIDGE	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
430	EAST RIVER-QNS BORO BRIDG	EAST RIVER-QNS BORO BRIDG	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
431	QUEENSBORO BRIDGE 59TH ST	QUEENSBORO BRIDGE 59TH ST	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
432	EAST RIVER/VERNON BLVD	VERNON BLV/QUEENSBORO BRI	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
433	QUEENSBOROUGH BRIDGE	QUEENS BR/LOWER RD EASTBD	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
434	QUEENSBORO BRIDGE	EAST RIVER/EAST BLVD	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
624	QUEENSBORO BRIDGE	QUEENSBORO BRIDGE	2369 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
625	59TH ST BRIDGE	59TH ST BRIDGE	2369 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
7	SILVERCUP WEST - PARCEL A	41-98 AND 42-02 TO 42-16 VERNON BOULEVARD	2598 feet to the SSE	Brownfields Site
2	21-03 44TH AVENUE	21-03 44TH AVENUE	4893 feet to the SSE	NYSDEC Inactive Haz Waste Disposal Site
253	281 MAIN STREET	281 MAIN STREET	1548 feet to the S	Closed Status Spill (Unk/Other Cause)
80	ROOSEVELT HOSPITAL MOSF	UNDER 59TH ST BRIDGE	2188 feet to the S	Closed Status Tank Failure
81	GOLDWATER HOSPITAL	1 MAIN STREET	2188 feet to the S	Closed Status Tank Failure
115	GOLDWATER MEMORIAL HOSPIT	1 MAIN STREET	2188 feet to the S	Closed Status Tank Test Failure
410	GOLDWATER HOSPITAL	1 MAIN STREET	2188 feet to the S	Closed Status Spill (Unk/Other Cause)
620	GOLDWATER MEMORIAL HOSP	1 MAIN ST	2188 feet to the S	Closed Status Spill (Misc. Spill Cause)
621	GOLDWATER MEMORIAL HOSPIT	1 MAIN STREET	2188 feet to the S	Closed Status Spill (Misc. Spill Cause)
622	GOLDWATER MEM HOSP	1 MAIN ST	2188 feet to the S	Closed Status Spill (Misc. Spill Cause)
705	CONSOLIDATED EDISON	502 E 63TH ST	423 feet to the SW	Hazardous Waste Generator/Transporter
714	NYS DOT D258876	FDR DR	513 feet to the SW	Hazardous Waste Generator/Transporter
132	60TH ST NR PANAM HELIPORT	60TH ST NR PANAM HELIPORT	665 feet to the SW	Closed Status Spill (Unk/Other Cause)
133	SEWER DISCHARGE AT HELOPO	60TH ST. AND HELOPORT	665 feet to the SW	Closed Status Spill (Unk/Other Cause)
59	MOBIL S/S	1132 YORK AVENUE	768 feet to the SW	Closed Status Tank Failure
84	MOBIL GAS STATION	61 ST / 62 ST / YORK AVE	768 feet to the SW	Closed Status Tank Test Failure
85	MOBIL S/S	1132 YORK AVENUE	768 feet to the SW	Closed Status Tank Test Failure
86	MOBIL S/S	1132 YORK AVENUE	768 feet to the SW	Closed Status Tank Test Failure
144	FIRE HYDRANT	1132 YORK AVE EAST SIDE	768 feet to the SW	Closed Status Spill (Unk/Other Cause)
150		E 61ST ST/FDR DRIVE	798 feet to the SW	Closed Status Spill (Unk/Other Cause)
593	FDR DRIVE / EAST 61ST STR	FDR DRIVE / E. 61ST ST.	798 feet to the SW	Closed Status Spill (Misc. Spill Cause)
152	MANHOLE 48444	YORK AVE/E 61ST ST	881 feet to the SW	Closed Status Spill (Unk/Other Cause)
5	1113 YORK AVE.	1113 YORK AVENUE	1045 feet to the SW	Brownfields Site
173	UNK	59TH ST BRIDGE	1111 feet to the SW	Closed Status Spill (Unk/Other Cause)
174	59TH ST BRIDGE	59TH ST BRIDGE	1111 feet to the SW	Closed Status Spill (Unk/Other Cause)
175	QUEENSBOROUGH BRIDGE	QUEENSBOROUGH BRIDGE	1111 feet to the SW	Closed Status Spill (Unk/Other Cause)
176	EAST RIVER	59TH ST BRIDGE	1111 feet to the SW	Closed Status Spill (Unk/Other Cause)
177	QUEENSBORO BRIDGE	EAST ROAD WAY	1111 feet to the SW	Closed Status Spill (Unk/Other Cause)
600	QUEENSBOROUGH BRIDGE	QUEENSBOROUGH BRIDGE	1111 feet to the SW	Closed Status Spill (Misc. Spill Cause)
180	60TH ST & YORK AVE	E 60TH ST & YORK AVE	1114 feet to the SW	Closed Status Spill (Unk/Other Cause)
181	VAULT #6577	E 60TH ST & YORK AV	1114 feet to the SW	Closed Status Spill (Unk/Other Cause)
193	MERCURY FOUND IN TRENCH	EAST 60 ST STEAM GEN STATION	1216 feet to the SW	Closed Status Spill (Unk/Other Cause)
213	MANHOLE #63553	YORK AV / 59TH ST	1356 feet to the SW	Closed Status Spill (Unk/Other Cause)
214	BUILDING	YORK AVE/ EAST 59TH ST	1356 feet to the SW	Closed Status Spill (Unk/Other Cause)
215	MANHOLE #48420	59TH ST & SUTTON PL	1356 feet to the SW	Closed Status Spill (Unk/Other Cause)

228	50 SUTTON PLACE	50 SUTTON PLACE	1406 feet to the SW	Closed Status Spill (Unk/Other Cause)
241	209515; E E 59 ST ST	E E 59 ST ST	1503 feet to the SW	Closed Status Spill (Unk/Other Cause)
280	21 SUTTON PLACE	21 SUTTON PLACE	1622 feet to the SW	Closed Status Spill (Unk/Other Cause)
105	CLOSED-LACKOF RECENT INFO	20 SUTTON PLACE	1710 feet to the SW	Closed Status Tank Test Failure
79	410 EAST 57TH ST/MANH	410 EAST 57TH STREET	2147 feet to the SW	Closed Status Tank Failure
15	APARTMENT BLDG TTF	400 E 57TH ST	2236 feet to the SW	Active Tank Test Failure
439	PLAZA 400	400 EAST 56TH STREET	2433 feet to the SW	Closed Status Spill (Unk/Other Cause)
548	CORNELL UNIVERSITY	416 EAST 55TH STREET	2518 feet to the SW	Closed Status Spill (Unk/Other Cause)
549	346 EAST 56TH STREET	346 EAST 56TH STREET	2572 feet to the SW	Closed Status Spill (Unk/Other Cause)
584	ONE PT IN MANHOLE #M59549	EAST 64 STREET & YORK AVENUE	447 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
706	CONSOLIDATED EDISON	E 64TH STREET & YORK AVENUE	447 feet to the WSW	Hazardous Waste Generator/Transporter
707	CONSOLIDATED EDISON	64TH ST & YORK ST	447 feet to the WSW	Hazardous Waste Generator/Transporter
708	VERIZON LOG 38876	64TH & YORK AVE	447 feet to the WSW	Hazardous Waste Generator/Transporter
586	VAULT #1370	EAST 63 ST AND YORK AVE	504 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
587	MANHOLE 57123	YORK AVE - EAST 63RD ST	504 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
711	CONSOLIDATED EDISON CO	MH57122 YORK AVE E 63 ST	504 feet to the WSW	Hazardous Waste Generator/Transporter
712	CONSOLIDATED EDISON	MH57123-YORK & E 63RD ST	504 feet to the WSW	Hazardous Waste Generator/Transporter
713	CONSOLIDATED EDISON	E 63 ST & YORK AVE V1370	504 feet to the WSW	Hazardous Waste Generator/Transporter
679	YORK RIVER HOUSE	1175 YORK AVENUE	556 feet to the WSW	Petroleum Bulk Storage Site
589	1175 YORK AVE BET 63 & 64	1175 YORK AVE	569 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
590	1175 YORK AVE/HESS	1175 YORK AVE/HESS	569 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
591		1175 YORK AVE	569 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
134	MANHOLE 48453	YORK AVE/E 62ND ST	670 feet to the WSW	Closed Status Spill (Unk/Other Cause)
595		1161 YORK AVE	823 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
596		450 EAST 63RD ST	823 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
4	CE - YORK AVE STATION	YORK AVE. BETWEEN 61ST & 63RD STS.	840 feet to the WSW	Brownfields Site
87	MERCEDES DEALERSHIP	1133 YORK AVE	870 feet to the WSW	Closed Status Tank Test Failure
90	COMMERCIAL BLDG	420 EAST 62ND ST	1022 feet to the WSW	Closed Status Tank Test Failure
163	EXCAVATION SITE	426 EAST 62ND ST	1022 feet to the WSW	Closed Status Spill (Unk/Other Cause)
182	AMERICAN PORT SERVICES	421 E 60TH ST	1131 feet to the WSW	Closed Status Spill (Unk/Other Cause)
183	PIPELINE	420 EAST 61ST STREET	1131 feet to the WSW	Closed Status Spill (Unk/Other Cause)
184	VACANT LOT	420 EAST 61ST STREET	1131 feet to the WSW	Closed Status Spill (Unk/Other Cause)
185	407 EAST 61ST ST/CARRIAGE	407 EAST 61ST ST	1151 feet to the WSW	Closed Status Spill (Unk/Other Cause)
190	400 E 62ND ST & 1ST AVE	400 E 62ND ST & 1ST AVE	1178 feet to the WSW	Closed Status Spill (Unk/Other Cause)
199	EAST 60TH ST BETWEEN	1ST AVE AND YORK	1284 feet to the WSW	Closed Status Spill (Unk/Other Cause)
200	1ST STREET/YORK AVE	S SIDE E 60TH ST	1284 feet to the WSW	Closed Status Spill (Unk/Other Cause)
201	EXCAVATION SITE	EAST 60TH ST BETWEEN 1ST AND YORK AVE	1284 feet to the WSW	Closed Status Spill (Unk/Other Cause)
203	VAULT 7161	409-15 EAST 60TH ST	1285 feet to the WSW	Closed Status Spill (Unk/Other Cause)
204	FIRST AV BETW E61 & E62 S	1ST AVE / E 61ST	1314 feet to the WSW	Closed Status Spill (Unk/Other Cause)
216	QUEENSBORO BRIDGE	BET. YORK & 1ST AV	1362 feet to the WSW	Closed Status Spill (Unk/Other Cause)
64	FORMER PARKING GARAGE	1ST 1VE & 61ST ST	1388 feet to the WSW	Closed Status Tank Failure
222	MANHOLE 53349	EAST 61ST ST/FIRST AVE	1388 feet to the WSW	Closed Status Spill (Unk/Other Cause)
223	MANHOLE #53349	EAST 61ST & 1ST AV	1388 feet to the WSW	Closed Status Spill (Unk/Other Cause)
224	MAN HOLE 11737	E61ST ST/E OF 1ST AV	1388 feet to the WSW	Closed Status Spill (Unk/Other Cause)
225	1121 1ST AVE/MANH/GETTY	1121 1ST AVENUE	1400 feet to the WSW	Closed Status Spill (Unk/Other Cause)
66	GETTY SERVICE STATION	1102 FIRST AVE	1455 feet to the WSW	Closed Status Tank Failure
98	1102 -6 FIRST AVE/GETTY	1102 FIRST AVE	1455 feet to the WSW	Closed Status Tank Test Failure
231	1ST AVE & 60TH ST/GETTY	1ST AVE & 60TH ST	1455 feet to the WSW	Closed Status Spill (Unk/Other Cause)
232	GETTY SERVICE STATION	1102 FIRST AVE	1455 feet to the WSW	Closed Status Spill (Unk/Other Cause)
250	1 AVE BET 58ND & 62ND ST	1 AVE. BET 58TH & 62ND ST	1546 feet to the WSW	Closed Status Spill (Unk/Other Cause)
251	STEAM MAIN	EAST 60TH AT 1ST AVE	1546 feet to the WSW	Closed Status Spill (Unk/Other Cause)
252	MANHOLE #58563	EAST 60TH ST/1ST AVE	1546 feet to the WSW	Closed Status Spill (Unk/Other Cause)

71	MANHATTAN EAST 08B DOS -DDC	350 EAST 60TH STREET	1618 feet to the WSW	Closed Status Tank Failure
103	350 EAST 60TH STREET	350 EAST 60TH STREET	1618 feet to the WSW	Closed Status Tank Test Failure
290	213058; E 59 ST AND 1 AVE	E 59 ST AND 1 AVE	1725 feet to the WSW	Closed Status Spill (Unk/Other Cause)
291	MANHOLE # 58743	EAST 59 ST/ 1ST AVE	1725 feet to the WSW	Closed Status Spill (Unk/Other Cause)
292	SHAFT #33B	1ST AVE & 59TH STREET	1725 feet to the WSW	Closed Status Spill (Unk/Other Cause)
293	MANHOLE 58743	EAST 59TH ST/FIRST AV	1725 feet to the WSW	Closed Status Spill (Unk/Other Cause)
342	MANHOLE #11600	323 EAST 60 ST	1795 feet to the WSW	Closed Status Spill (Unk/Other Cause)
108	401 EAST 58TH STREET	401 EAST 58TH STREET	1811 feet to the WSW	Closed Status Tank Test Failure
74	345 EAST 59TH ST	345 E. 59TH ST-DOT GARAGE	1889 feet to the WSW	Closed Status Tank Failure
359	VAULT 4011	58 STREET AND 1 AVENUE	1930 feet to the WSW	Closed Status Spill (Unk/Other Cause)
360	MANHOLE 59481	1ST AV/EAST 58TH ST	1930 feet to the WSW	Closed Status Spill (Unk/Other Cause)
113	348 EAST 58TH ST/NEW YORK	348 EAST 58TH ST	2079 feet to the WSW	Closed Status Tank Test Failure
114	APARTMENT BUILDING	340 EAST 58TH STREET	2132 feet to the WSW	Closed Status Tank Test Failure
401		EAST 57TH ST & 1ST AVENUE	2161 feet to the WSW	Closed Status Spill (Unk/Other Cause)
402	MANHOLE 5331	EAST 57TH ST & 1ST AVE	2161 feet to the WSW	Closed Status Spill (Unk/Other Cause)
403	MANHOLE #53310	EAST 57TH ST & 1ST AV	2161 feet to the WSW	Closed Status Spill (Unk/Other Cause)
404	MANHOLE #53310 AND 53311	EA 57 ST AND 1ST AVE	2161 feet to the WSW	Closed Status Spill (Unk/Other Cause)
405	MH53311	EAST 57 ST AND 1ST AV	2161 feet to the WSW	Closed Status Spill (Unk/Other Cause)
422	2ND AVE/E59TH ST	2ND AVE/E59TH ST	2297 feet to the WSW	Closed Status Spill (Unk/Other Cause)
423	S.TRAMWAY STAT/59TH ST.	S. TRAMWAY STAT/59TH ST	2297 feet to the WSW	Closed Status Spill (Unk/Other Cause)
424	QUEENSBORO BRIDGE EAST BO	59TH ST. /2ND AVE. EAST B	2297 feet to the WSW	Closed Status Spill (Unk/Other Cause)
554	315 E. 56TH ST	315 E. 56TH ST	2584 feet to the WSW	Closed Status Spill (Unk/Other Cause)
557	DUANE READE DRUG STORE	300 EAST 57TH STREET	2630 feet to the WSW	Closed Status Spill (Unk/Other Cause)
709	CONED	N/E/C E.65 STREET & YORK AVE	450 feet to the W	Hazardous Waste Generator/Transporter
142	PILAR RES	410 EAST 65TH ST	754 feet to the W	Closed Status Spill (Unk/Other Cause)
162	402 E 64TH ST	402 E 64TH ST	1001 feet to the W	Closed Status Spill (Unk/Other Cause)
597	FLUSH TRUCK	1154 1ST AVE	1078 feet to the W	Closed Status Spill (Misc. Spill Cause)
186	MANHOLE 59546	EAST 64TH ST AND 1ST AVE	1161 feet to the W	Closed Status Spill (Unk/Other Cause)
187	MH 12101	EAST 64TH ST/1ST AVE	1161 feet to the W	Closed Status Spill (Unk/Other Cause)
188		64TH ST / 1ST AV	1161 feet to the W	Closed Status Spill (Unk/Other Cause)
191	-NYCT	63RD ST/1ST AVE	1185 feet to the W	Closed Status Spill (Unk/Other Cause)
192	IFO DRY CLEANING BUSINESS	SW CORNER OF 63RD ST &1ST	1185 feet to the W	Closed Status Spill (Unk/Other Cause)
603	1ST AVE & E 63RD ST	1ST AVE & E 63RD ST	1185 feet to the W	Closed Status Spill (Misc. Spill Cause)
197	1ST AVE & 62ND ST/MANH	1ST AVE & 62ND STREET	1263 feet to the W	Closed Status Spill (Unk/Other Cause)
198	MANHOLE #53353	E 62 ST/1ST AVE	1263 feet to the W	Closed Status Spill (Unk/Other Cause)
209	ST TROPEZ CONDOMINIUMS	340 EAST 64TH STREET	1325 feet to the W	Closed Status Spill (Unk/Other Cause)
229	2ND AVE SUBWAY PROJECT -NYCT	64TH BETWEEN 1&2 AVE	1444 feet to the W	Closed Status Spill (Unk/Other Cause)
67		351 EAST 61ST ST	1462 feet to the W	Closed Status Tank Failure
246	APARTMENT BLDG	346 E 62ND ST	1524 feet to the W	Closed Status Spill (Unk/Other Cause)
247	CON ED	330 EAST 63RD ST	1531 feet to the W	Closed Status Spill (Unk/Other Cause)
259	ON BLUESTONE	E 63RD ST SUBSTATION	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
260	EAST 63RD SUBSTATION	321 E 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
261	MANHOLE 59734	EAST 63RD ST SUBSTATION	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
262	EAST 63RD ST SUBSTATION	321 E 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
263	CAPACITOR BANK #1	E. 63RD ST SUB - 321 E63R	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
264	EAST 63 RD SUBSTATION	321 EAST 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
265	63 ST SUBSTATION	321 EAST 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
266	EAST 63RD ST SUNSTATION	321 EAST 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
267	E63RD ST SUBSTATION - MH00001	321 E 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
268	SUBSTAION	321 EAST 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
269	EAST 63RD ST SUBSTATION	321 EAST 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
270	63RD STREET SUB STATION	321 EAST 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)

271	63RD STREET SUB-STATION	321 EAST 63RD STREET	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
272	VAULT 5	321 E.63RD ST SUBSTATION	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
273	E 63RD ST SUB STATION	321 E 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
299	MANHOLE 62669	300 EAST 63RD ST	1772 feet to the W	Closed Status Spill (Unk/Other Cause)
106	301 EAST 63RD STREET	301 EAST 63RD STREET	1785 feet to the W	Closed Status Tank Test Failure
107	TOOST CONTROL CORP.	301 EAST 63RD ST	1785 feet to the W	Closed Status Tank Test Failure
352	MANHOLE #58511	E 63RD ST / 2ND AVE	1911 feet to the W	Closed Status Spill (Unk/Other Cause)
361	COMMERCIAL	11 - 66 2ND AVE	1938 feet to the W	Closed Status Spill (Unk/Other Cause)
362	214286; E 62 ST AND 2ND AVE	E 62 ST AND 2ND AVE	1974 feet to the W	Closed Status Spill (Unk/Other Cause)
363	MANHOLE 59311	E 62ND ST /2ND AVE	1974 feet to the W	Closed Status Spill (Unk/Other Cause)
384	THREE GALLONS OIL IN MH #V5087	253 EAST 62 STREET	2052 feet to the W	Closed Status Spill (Unk/Other Cause)
385	3 GAL OIL FOUND IN VAULT # V5087	253 EAST 62 STREET	2052 feet to the W	Closed Status Spill (Unk/Other Cause)
386	MAN HOLE #5087	253 EAST 62ND ST	2052 feet to the W	Closed Status Spill (Unk/Other Cause)
387	MANHOLE #54519	E 61 ST & 2ND AV	2054 feet to the W	Closed Status Spill (Unk/Other Cause)
388	215836; E SECOND AVENUE AND E 61 STREET	E SECOND AVENUE AND E 61 STREET	2054 feet to the W	Closed Status Spill (Unk/Other Cause)
389	215523; E 61 ST AND 2ND AVE	E 61 ST AND 2ND AVE	2054 feet to the W	Closed Status Spill (Unk/Other Cause)
390	MANHOLE #54519	61ST & 2 AVE	2054 feet to the W	Closed Status Spill (Unk/Other Cause)
391	MAN HOLE #54519	EAST 61ST ST/2ND AVE	2054 feet to the W	Closed Status Spill (Unk/Other Cause)
393	BLAIR HOUSE ASSOC	250 E 63RD ST	2062 feet to the W	Closed Status Spill (Unk/Other Cause)
14	APARTMENT BLDG TTF	252 E 61ST ST	2193 feet to the W	Active Tank Test Failure
437	APARTMENTS	238 EAST 60TH ST	2409 feet to the W	Closed Status Spill (Unk/Other Cause)
677	STAHL YORK AVE CO	1221 YORK AVE	536 feet to the WNW	Petroleum Bulk Storage Site
681	MS BETTY WEG	428 E 66 ST	587 feet to the WNW	Petroleum Bulk Storage Site
683	424 EAST 66 ST CORP.	426 E 66 ST	603 feet to the WNW	Petroleum Bulk Storage Site
684	424-426 EAST 66TH ST	424-426 EAST 66TH ST	619 feet to the WNW	Petroleum Bulk Storage Site
724	CONSOLIDATED EDISON	MH8338-435 E65TH ST	628 feet to the WNW	Hazardous Waste Generator/Transporter
685	FANNIE KLIEN	420 EAST 66 ST	644 feet to the WNW	Petroleum Bulk Storage Site
151	E 66TH / 1ST AVE	E 66TH / 1ST AVE	856 feet to the WNW	Closed Status Spill (Unk/Other Cause)
91	APARTMENT BLDG	333 EAST 66TH ST	1037 feet to the WNW	Closed Status Tank Test Failure
92	APARTMENT	333 EAST 66TH STREET	1037 feet to the WNW	Closed Status Tank Test Failure
166	EXCAVATION SITE	333 E 66TH ST	1037 feet to the WNW	Closed Status Spill (Unk/Other Cause)
172	345 EAST 65TH ST	345 EAST 65TH ST	1110 feet to the WNW	Closed Status Spill (Unk/Other Cause)
17	HERTZ	327 EAST 64TH STREET	1365 feet to the WNW	Active Haz Spill (Unknown/Other Cause)
217	MANHOLE #59596	327 EAST 64 STREET	1365 feet to the WNW	Closed Status Spill (Unk/Other Cause)
218	326 EAST 65TH ST	326 EAST 65TH ST	1383 feet to the WNW	Closed Status Spill (Unk/Other Cause)
239	VS1492	1260 2ND AVE	1492 feet to the WNW	Closed Status Spill (Unk/Other Cause)
240	216982; 1260 2 AVE AND 66 ST	1260 2 AVE AND 66 ST	1492 feet to the WNW	Closed Status Spill (Unk/Other Cause)
283	CON ED	INTERSECTION EAST 65TH AND 2ND AVE	1646 feet to the WNW	Closed Status Spill (Unk/Other Cause)
104	APARTMENT HOUSE	265 E.66TH ST	1685 feet to the WNW	Closed Status Tank Test Failure
295	1231 2ND AVE	1231 2ND AVE	1744 feet to the WNW	Closed Status Spill (Unk/Other Cause)
297	MANHOLE #65410	EAST 64 STREET & 2 AVE	1765 feet to the WNW	Closed Status Spill (Unk/Other Cause)
298	MANHOLE 65410	EAST 64 ST/2ND AVE	1765 feet to the WNW	Closed Status Spill (Unk/Other Cause)
392	215 EAST 64TH STREET	215 EAST 64TH STREET	2060 feet to the WNW	Closed Status Spill (Unk/Other Cause)
13	MANHATTAN EYE HOSPITAL	210 EAST 64TH STREET	2162 feet to the WNW	Active Tank Test Failure
619	MANHATTAN EYE/EAR/THROAT	210 EAST 64TH ST	2162 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
418	66TH ST & 3RD AVE	COR. 66TH ST & 3RD AVE	2255 feet to the WNW	Closed Status Spill (Unk/Other Cause)
419	MANHOLE 45130	66TH ST / 3RD AV	2255 feet to the WNW	Closed Status Spill (Unk/Other Cause)
435	MANHOLE 45114	E 64TH ST & 3RD AVE	2400 feet to the WNW	Closed Status Spill (Unk/Other Cause)
678	PUBLIC SCHOOL 183 - MANHATTAN	419 EAST 66TH STREET	546 feet to the NW	Petroleum Bulk Storage Site
721	NEW YORK CITY B O E	PS-183	546 feet to the NW	Hazardous Waste Generator/Transporter
686	MEMORIAL SLOAN-KETTERING CANCER CENTER	425 EAST 68TH STREET	654 feet to the NW	Petroleum Bulk Storage Site

131	400 EAST 68TH STREET	400 EAST 68TH STREET	655 feet to the NW	Closed Status Spill (Unk/Other Cause)
57	COLLEGIATE CHURCH	402 EAST 67TH STREET	691 feet to the NW	Closed Status Tank Failure
137	402 EAST 67TH STREET	402 EAST 67TH ST	691 feet to the NW	Closed Status Spill (Unk/Other Cause)
138	CONSTRUCTION SITE	400 EAST 67TH STREET	691 feet to the NW	Closed Status Spill (Unk/Other Cause)
143		1ST AV & E 68TH ST	761 feet to the NW	Closed Status Spill (Unk/Other Cause)
153	STREET	1239 1ST AVE	892 feet to the NW	Closed Status Spill (Unk/Other Cause)
161	SERVICE BOX 12406	342 EAST 67TH ST	962 feet to the NW	Closed Status Spill (Unk/Other Cause)
62	315 EAST 69TH STREET	315 EAST 69TH STREET	1285 feet to the NW	Closed Status Tank Failure
63	315 E 69TH ST	315 E 69TH ST	1285 feet to the NW	Closed Status Tank Failure
202		315 EAST 69TH SP APT. L-D	1285 feet to the NW	Closed Status Spill (Unk/Other Cause)
226	APT BUILDING	315 EAST 68TH ST	1404 feet to the NW	Closed Status Spill (Unk/Other Cause)
227	GOODSTEIN MANAG. (CONDO)	315 EAST 68TH ST.	1404 feet to the NW	Closed Status Spill (Unk/Other Cause)
233	301 EAST 69TH ST	301 EAST 69TH ST	1460 feet to the NW	Closed Status Spill (Unk/Other Cause)
242	MANHOLE #54570	68TH ST & 2ND AV	1510 feet to the NW	Closed Status Spill (Unk/Other Cause)
243	MANHOLE 54570	E68TH ST/2ND AV	1510 feet to the NW	Closed Status Spill (Unk/Other Cause)
244	2ND AVE SUBWAY PROJECT	2ND AVE/ 67TH STREET	1516 feet to the NW	Closed Status Spill (Unk/Other Cause)
248	2 AVE SUBWAY PROJECT	69TH AND 2ND AVE	1537 feet to the NW	Closed Status Spill (Unk/Other Cause)
610	EAST 69TH / 2ND AVENUE /	69TH & 2ND AVE.	1537 feet to the NW	Closed Status Spill (Misc. Spill Cause)
18	260 EAST 67TH ST	260 E. 67TH ST	1589 feet to the NW	Active Haz Spill (Unknown/Other Cause)
274	E 70TH ST & 2ND AVE	E 70TH ST & 2ND AVE	1608 feet to the NW	Closed Status Spill (Unk/Other Cause)
275	208608; E 70 ST	E 70 ST	1608 feet to the NW	Closed Status Spill (Unk/Other Cause)
289	234 E. 70TH STREET	234 E. 70TH ST	1721 feet to the NW	Closed Status Spill (Unk/Other Cause)
341		215 E 68TH ST	1788 feet to the NW	Closed Status Spill (Unk/Other Cause)
616	215 EAST 68TH ST.	215 EAST 68TH STREET	1788 feet to the NW	Closed Status Spill (Misc. Spill Cause)
346	225 EAST 70TH ST	225 EAST 70TH ST	1814 feet to the NW	Closed Status Spill (Unk/Other Cause)
347	MULTI-DWELLING	225 EAST 70TH ST	1814 feet to the NW	Closed Status Spill (Unk/Other Cause)
351		228 EAST 68TH ST	1904 feet to the NW	Closed Status Spill (Unk/Other Cause)
75	222 EAST 68TH ST.	222 EAST 68TH ST.	1958 feet to the NW	Closed Status Tank Failure
395		202 EAST 71ST ST	2091 feet to the NW	Closed Status Spill (Unk/Other Cause)
414		EAST 67TH ST & 3RD AV	2223 feet to the NW	Closed Status Spill (Unk/Other Cause)
623		67TH ST / 3RD AVE	2223 feet to the NW	Closed Status Spill (Misc. Spill Cause)
119	ENGINE CO. 039 & 19 PRECINT FDNY -DDC	1537EAST 67TH STREET	2539 feet to the NW	Closed Status Tank Test Failure
669	19TH PRECT.BET.LEX.3 AVE	19TH PRECT.BET.LEX.3 AVE	2539 feet to the NW	Closed Status Spill (Misc. Spill Cause)
710	MEMORIAL SLOAN KETTERING CENTER	415 E 68TH ST	456 feet to the NNW	Hazardous Waste Generator/Transporter
675	WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY	427 E. 69TH STREET	481 feet to the NNW	Petroleum Bulk Storage Site
719	CON EDISON	405 E 68TH ST E OF 1ST AVE SB 1252	520 feet to the NNW	Hazardous Waste Generator/Transporter
720	CONSOLIDATED EDISON	405 EAST 68 STREET EAST OF FIR	520 feet to the NNW	Hazardous Waste Generator/Transporter
680	WEILL CORNELL MEDICAL COLLEGE - KIPS BAY	411 EAST 69TH STREET	587 feet to the NNW	Petroleum Bulk Storage Site
130	LASDEN HOUSE GARAGE	420 EAST 70TH STREET	628 feet to the NNW	Closed Status Spill (Unk/Other Cause)
135	220063; 409 E 69 ST	409 E 69 ST	676 feet to the NNW	Closed Status Spill (Unk/Other Cause)
9	LEAKING UST ABANDONED IN PLACE	400 EAST 71ST STREET	934 feet to the NNW	Active Tank Test Failure
158	400 EAST 71ST ST / MAN	400 E.71ST ST	934 feet to the NNW	Closed Status Spill (Unk/Other Cause)
159	MULTIPLE DWELLING	401 EAST 70 ST-OFF 1ST AV	934 feet to the NNW	Closed Status Spill (Unk/Other Cause)
93	RESIDENCE	330 E 70TH ST	1096 feet to the NNW	Closed Status Tank Test Failure
178	206099; N/S E 71 50' E 1 AV	N/S E 71 50' E 1 AV	1112 feet to the NNW	Closed Status Spill (Unk/Other Cause)
179	1ST AVE & EAST 71ST STREET	1ST AVE & EAST 71ST STREET	1112 feet to the NNW	Closed Status Spill (Unk/Other Cause)
601	FEEDER 38M03	1ST AVE & E71ST ST	1112 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
602	1330 1ST AVE	1330 1ST AVE	1142 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
205	360 E 72ND ST	360 E 72ND ST	1322 feet to the NNW	Closed Status Spill (Unk/Other Cause)
206	MARY MANNING SR. HOME	1329 1ST AVE.	1322 feet to the NNW	Closed Status Spill (Unk/Other Cause)
606	VAULT #5525	FRONT OF 354-356 E 77ND	1416 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
230	APARTMENT COMPLEX	IFO 355 E72ND ST	1451 feet to the NNW	Closed Status Spill (Unk/Other Cause)

234		355 EAST 72ND ST	1479 feet to the NNW	Closed Status Spill (Unk/Other Cause)
235		355 EAST 72ND ST	1479 feet to the NNW	Closed Status Spill (Unk/Other Cause)
236		355 E 72ND STREET	1479 feet to the NNW	Closed Status Spill (Unk/Other Cause)
237		355 EAST 72ND ST	1479 feet to the NNW	Closed Status Spill (Unk/Other Cause)
607		355 EAST 72ND ST	1479 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
245	BETWEEN 1ST & 2ND AVE	306 E 71 ST	1520 feet to the NNW	Closed Status Spill (Unk/Other Cause)
11	TANK TTF	311 EAST 71ST STREET	1539 feet to the NNW	Active Tank Test Failure
69	APARTMENT	311 EAST 71 STREET	1539 feet to the NNW	Closed Status Tank Failure
102	APARTMENT BLDG	311 EAST 71ST ST	1539 feet to the NNW	Closed Status Tank Test Failure
249	APARTMENT COMPLEX	353 72ND STREET	1539 feet to the NNW	Closed Status Spill (Unk/Other Cause)
70	APT BUILDING "	320 E. 72ND ST	1613 feet to the NNW	Closed Status Tank Failure
348	BOHEMIAN NAT'L HALL	321 E.73RD ST	1833 feet to the NNW	Closed Status Spill (Unk/Other Cause)
350	MANHOLE 40	EAST 72ND ST/2ND AVE	1866 feet to the NNW	Closed Status Spill (Unk/Other Cause)
110	311 EAST 73RD STREET	311 EAST 73RD STREET	1928 feet to the NNW	Closed Status Tank Test Failure
112	APT BUILDING	328 EAST 74TH ST	1961 feet to the NNW	Closed Status Tank Test Failure
383	213089; 2ND AVE AND E 73 ST	2ND AVE AND E 73 ST	2047 feet to the NNW	Closed Status Spill (Unk/Other Cause)
396	VAULT #0952	222 EAST 72ND ST	2096 feet to the NNW	Closed Status Spill (Unk/Other Cause)
77	APRT BUILDING	300 EAST 74TH STREET	2110 feet to the NNW	Closed Status Tank Failure
78	APARTMENT	300 EAST 74TH STREET	2110 feet to the NNW	Closed Status Tank Failure
397	APT BUILDING	300 EAST 74TH STREET	2110 feet to the NNW	Closed Status Spill (Unk/Other Cause)
411	ON STREET	1409 SECOND AVE/EAST 73/7	2215 feet to the NNW	Closed Status Spill (Unk/Other Cause)
412		1409 2ND AVE	2215 feet to the NNW	Closed Status Spill (Unk/Other Cause)
416	APARTMENT BUILDING	300 EAST 75TH STREET	2252 feet to the NNW	Closed Status Spill (Unk/Other Cause)
417	SB #13283	220 EAST 73RD ST	2255 feet to the NNW	Closed Status Spill (Unk/Other Cause)
441	CURB VALVE -	1265 3RD AVE	2456 feet to the NNW	Closed Status Spill (Unk/Other Cause)
442	APARTMENT HOUSE	203 E. 72ND ST	2456 feet to the NNW	Closed Status Spill (Unk/Other Cause)
443	MANHOLE 59970	EAST 72ND ST AT 3RD AVE	2476 feet to the NNW	Closed Status Spill (Unk/Other Cause)
444	MANHOLE #59970	E 72ND ST/3RD AVE	2476 feet to the NNW	Closed Status Spill (Unk/Other Cause)
553	RETAIL STORE	1273 3RD AVE	2583 feet to the NNW	Closed Status Spill (Unk/Other Cause)
83	VAULT	240 EAST 76TH STREET	2611 feet to the NNW	Closed Status Tank Failure
558	APARTMENT BUIDLING	222 EAST 75TH ST	2631 feet to the NNW	Closed Status Spill (Unk/Other Cause)

Identified Toxic Sites by Category

Rockefeller Univ. Laboratory Building New York, NY 10021

* Compass directions can vary substantially for sites located very close to the subject property address.

NYSDEC Inactive Haz. Waste Disposal Site Registry -- Total Sites – 2

MAP ID	FACILITY ID	FACILITY NAME
1	241028	NATIONAL RUBBER ADHESIVES, INC.
2	241107	21-03 44TH AVENUE

Database searched at 1 MILE – ASTM required search distance: 1 Mile

FACILITY STREET	DISTANCE & DIRECTION
38-31 9TH STREET	3249 feet to the ESE
21-03 44TH AVENUE	4893 feet to the SSE

RCRA Corrective Action Sites -- Total Sites – 1

MAP ID	FACILITY ID	FACILITY NAME
3	NYD003917960	CONSOLIDATED EDISON

Database searched at 1 MILE – ASTM required search distance: 1 Mile

FACILITY STREET	DISTANCE & DIRECTION
3854 VERNON BLVD RAVENWOOD STA	2381 feet to the ESE

Brownfields Sites -- Total Sites – 4

MAP ID	FACILITY ID	FACILITY NAME
4	V00544	CE – YORK AVE STATION
5	C231061	1113 YORK AVE.
6	V00425	EAST 75TH EAST 76TH STREET PROPERTIES
7	C241099	SILVERCUP WEST – PARCEL A

Database searched at 1/2 MILE – ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
YORK AVE. BETWEEN 61ST & 63RD STS.	840 feet to the WSW
1113 YORK AVENUE	1045 feet to the SW
503-509 EAST 75TH ST.& 502-504 EAST 76TH ST.	2035 feet to the NNE
41-98 AND 42-02 TO 42-16 VERNON BOULEVARD	2598 feet to the SSE

Solid Waste Facilities -- Total Sites – 1

MAP ID	FACILITY ID	FACILITY NAME
8	41T14	CON ED RAVENSWOOD STA

Database searched at 1/2 MILE – ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
	2511 feet to the ESE

Active Tank Test Failures -- Total Sites – 8

MAP ID	FACILITY ID	FACILITY NAME
9	9007086	LEAKING UST ABANDONED IN PLACE
10	0001929	MANHATTAN 5, 8, 8A GARAGE DPR –DDC
11	1203017	TANK TTF
12	9801907	CHURCH OF THE EPIPHANY
13	9711366	MANHATTAN EYE HOSPITAL
14	1204577	APARTMENT BLDG TTF
15	1204106	APARTMENT BLDG TTF
16	0514332	NYC PARKS

Database searched at 1/2 MILE – ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
400 EAST 71ST STREET	934 feet to the NNW
545 EAST 73RD STREET	1508 feet to the NNE
311 EAST 71ST STREET	1539 feet to the NNW
1393 YORK AVE	1738 feet to the N
210 EAST 64TH STREET	2162 feet to the WNW
252 E 61ST ST	2193 feet to the W
400 E 57TH ST	2236 feet to the SW
77TH STREET AND CHEROKEE	2406 feet to the NNE

Active Haz Spills (Unknown Causes & Other Causes) -- Total Sites – 33

MAP ID	FACILITY ID	FACILITY NAME
17	9111462	HERTZ
18	9612712	260 EAST 67TH ST
19	1205106	74TH ST GENERATING STATION
20	1104457	CON ED 74TH GEN ST
21	0713073	74 ST GEN STATION. BASEMENT TRENCH
22	0705588	E 74 ST GENERATING STATION
23	0607574	EAST 74 STREET GENERATING STATION
24	1100570	VAULT 1611
25	9813992	PROMENENADE CONDOMINIUM
26	9912003	RAVENSWOOD GENERATOR SITE
27	9910096	GAS TURBINE –RAVENSWOOD
28	9903238	TUNNEL BTWN 2 STATION –RAVENSWOOD
29	9900155	GENERATING ST–RAVENSWOOD
30	9809807	GAS TURBINE –RAVENSWOOD
31	9806863	GEN STATION–RAVENSWOOD

Database searched at 1/2 MILE – ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
327 EAST 64TH STREET	1365 feet to the WNW
260 E. 67TH ST	1589 feet to the NW
74TH ST AND YORK AVE	1647 feet to the NNE
506 EAST 75TH ST	1781 feet to the NNE
506 EAST 75 STREET	1781 feet to the NNE
506 EAST 75 STREET	1781 feet to the NNE
506 EAST 75 STREET	1781 feet to the NNE
EAST 75TH ST AND FDR DR	1883 feet to the NNE
530 EAST 76TH ST	1991 feet to the NNE
3854 VERNON BLVD	2503 feet to the ESE
38-54 VERNON BOULEVARD	2503 feet to the ESE
38-54 VERNON BOULEVARD	2503 feet to the ESE
38-54 VERNON BOULEVARD	2503 feet to the ESE
40TH AVE & VERNON BLVD	2503 feet to the ESE
38-54 VERNON BOULEVARD	2503 feet to the ESE

32	9806822	GAS TURBINE –RAVENSWOOD	40TH AVE VERNON BLVD	2503 feet to the ESE
33	9704979	RAVENWOOD STATION –RAVENSWOOD	38–54 VERNON BOULEVARD	2503 feet to the ESE
34	9704952	POWER HOUSE–RAVENSWOOD	38–54 VERNEN BLVD	2503 feet to the ESE
35	9415584	GAS TURBINES–RAVENSWOOD	40TH AVENUE & VERNON BLVD	2503 feet to the ESE
36	9407884	GEN STATION –RAVENSWOOD	38–58 VERNON BLVD	2503 feet to the ESE
37	9103498	GAS TURBINES –RAVENSWOOD	VERNON BLVD	2503 feet to the ESE
38	1205114	TRANS CANADA RAVENSWOOD LLC	38 – 54 VERNON BLVD	2503 feet to the ESE
39	1108727	TRANSCANADA RAVENSWOOD	38–54 VERNON BLVD	2503 feet to the ESE
40	0905194	TRANS CANADA–RAVENSWOOD	3854 VERNON BLVD	2503 feet to the ESE
41	0751068	RAINEY PUMP HOUSE FLOOR & A–HOUSE–RAVENSWOOD	38–54 VERNON BLVD	2503 feet to the ESE
42	0711505	STAINED SOIL ALONG SOUTH SIDE GT–1 –RAVENSWOOD	38–54 VERNON BLVD. RAVENSWOOD	2503 feet to the ESE
43	0708553	GS – BOILER HOUSE A–RAVENSWOOD	3854 VERNON BLVD	2503 feet to the ESE
44	0611497	POWER STATION–RAVENSWOOD	38–54 VERNON BOULEVARD	2503 feet to the ESE
45	0110822	TUNNEL –RAVENSWOOD	RAVENSWOOD TUNNEL	2503 feet to the ESE
46	0108018	POWER PLANT–RAVENSWOOD	3854 VERNON BLVD	2503 feet to the ESE
47	0102768	–RAVENSWOOD	3854 VERON BLVD	2503 feet to the ESE
48	0502104	VERNON SUBSTATION	VERNON BLVD & 41ST AV	2575 feet to the SE
49	0713178	QUEENSBRIDGE PARK	VERNON BLVD	2611 feet to the SE

Active Haz Spills (Miscellaneous Spill Causes) -- Total Sites – 7

MAP ID	FACILITY ID	FACILITY NAME
50	8800521	FDR DR & E 71ST ST
51	8908944	CON EDISON / MAN
52	9503112	GENERATING STA.–RAVENSWOOD
53	9411975	GEN. STATION–RAVENSWOOD
54	1012829	VERNON SUBSTATION & QUEENS BRIDGE
55	0912294	TRANS CANADA GEN STATION–RAVENSWOOD
56	0611682	POWER STATION–RAVENSWOOD

Database searched at 1/2 MILE – ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
FDR DR / EAST 71ST ST	781 feet to the NNE
EAST 73RD ST / FDR DR.	1323 feet to the NNE
38–54 VERNON BOULEVARD	2503 feet to the ESE
38–54 VERNON BOULEVARD	2503 feet to the ESE
3854 VERNON BLVD / 22–09 39TH AVE	2503 feet to the ESE
38–54 VERNON BLVD	2503 feet to the ESE
3854 VERNON BOULEVARD	2503 feet to the ESE

Closed Status Tank Failures -- Total Sites – 27

MAP ID	FACILITY ID	FACILITY NAME
57	9413172	COLLEGIATE CHURCH
58	9405349	512 EAST 71ST STREET
59	9903152	MOBIL S/S
60	9311015	523 EAST 71ST STREET
61	9901429	ROOSEVELT ISLAND OPER
62	9207735	315 EAST 69TH STREET
63	9104495	315 E 69TH ST
64	9810268	FORMER PARKING GARAGE
65	0305925	
66	9201238	GETTY SERVICE STATION
67	9813403	
68	9709493	MANHATTAN EAST 05,08 ,08A DOS –DDC
69	0502031	APARTMENT
70	0109042	APT BUILDING “
71	9513279	MANHATTAN EAST 08B DOS –DDC
72	9506779	75TH ST SUBSTATION
73	0004855	340 EAST 74TH STREET
74	9410362	345 EAST 59TH ST
75	9213496	222 EAST 68TH ST.
76	0011107	OLD VACANT PROPERTY
77	0600049	APRT BUILDING
78	0411981	APARTMENT

Database searched at 1/2 MILE – ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
402 EAST 67TH STREET	691 feet to the NW
512 EAST 71ST STREET	711 feet to the NNE
1132 YORK AVENUE	768 feet to the SW
523 EAST 71ST STREET	923 feet to the NNE
591 MAIN ST	1166 feet to the ENE
315 EAST 69TH STREET	1285 feet to the NW
315 E 69TH ST	1285 feet to the NW
1ST 1VE & 61ST ST	1388 feet to the WSW
645 MAIN ST	1421 feet to the ENE
1102 FIRST AVE	1455 feet to the WSW
351 EAST 61ST ST	1462 feet to the W
545 EAST 73RD STREET	1508 feet to the NNE
311 EAST 71 STREET	1539 feet to the NNW
320 E. 72ND ST	1613 feet to the NNW
350 EAST 60TH STREET	1618 feet to the WSW
506 EAST 75TH STREET	1781 feet to the NNE
340 EAST 74TH STREET	1857 feet to the N
345 E. 59TH ST–DOT GARAGE	1889 feet to the WSW
222 EAST 68TH ST.	1958 feet to the NW
503–509 E.75TH ST	1989 feet to the NNE
300 EAST 74TH STREET	2110 feet to the NNW
300 EAST 74TH STREET	2110 feet to the NNW

79	9006099	410 EAST 57TH ST/MANH	410 EAST 57TH STREET	2147 feet to the SW
80	0503392	ROOSEVELT HOSPITAL MOSF	UNDER 59TH ST BRIDGE	2188 feet to the S
81	0503272	GOLDWATER HOSPITAL	1 MAIN STREET	2188 feet to the S
82	9601426	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE
83	0506087	VAULT	240 EAST 76TH STREET	2611 feet to the NNW

Closed Status Tank Test Failures --- Total Sites - 37

MAP ID	FACILITY ID	FACILITY NAME
84	9414499	MOBIL GAS STATION
85	9207889	MOBIL S/S
86	9207273	MOBIL S/S
87	0007106	MERCEDES DEALERSHIP
88	8708901	1339 YORK AVE/MANHATTAN
89	1012370	MARY MANNING NURSING HOME
90	0704195	COMMERCIAL BLDG
91	9907957	APARTMENT BLDG
92	0505212	APARTMENT
93	0505464	RESIDENCE
94	9802723	APARTMENT COMPLEX
95	0300870	RESIDENCE
96	9802725	RESIDENCE
97	9000925	540 MAIN ST
98	9104429	1102 -6 FIRST AVE/GETTY
99	9101174	MANHATTAN EAST 05,08,08A DOS -DDC
100	0212278	MANHATTAN EAST 05,08,08A DOS -DDC
101	0012704	NYCDOS MANH E. 5, 8 & 8A -DDC
102	0509514	APARTMENT BLDG
103	9312077	350 EAST 60TH STREET
104	0207365	APARTMENT HOUSE
105	9011883	CLOSED-LACKOF RECENT INFO
106	0103305	301 EAST 63RD STREET
107	0011797	TOOST CONTROL CORP.
108	9812609	401 EAST 58TH STREET
109	8709459	442 EAST 75TH STREET
110	0411654	311 EAST 73RD STREET
111	0710859	APRT
112	0004623	APT BUILDING
113	8707482	348 EAST 58TH ST/NEW YORK
114	0306166	APARTMENT BUILDING
115	9800215	GOLDWATER MEMORIAL HOSPIT
116	1003874	ROOSEVELT ISLAND OPERATIONS CORP
117	9930011	430 E 77 ST
118	9100390	CLOSED-LACKOF RECENT INFO
119	9504692	ENGINE CO. 039 & 19 PRECINT FDNY -DDC
120	9008612	CLOSED-LACKOF RECENT INFO

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
61 ST / 62 ST / YORK AVE	768 feet to the SW
1132 YORK AVENUE	768 feet to the SW
1132 YORK AVENUE	768 feet to the SW
1133 YORK AVE	870 feet to the WSW
1339 YORK AVE	976 feet to the N
1339 YORK AVE	976 feet to the N
420 EAST 62ND ST	1022 feet to the WSW
333 EAST 66TH ST	1037 feet to the WNW
333 EAST 66TH STREET	1037 feet to the WNW
330 E 70TH ST	1096 feet to the NNW
625 MAIN ST	1238 feet to the ENE
625 MAIN ST	1238 feet to the ENE
540 MAIN ST	1242 feet to the E
540 MAIN STREET	1242 feet to the E
1102 FIRST AVE	1455 feet to the WSW
545 EAST 73RD STREET	1508 feet to the NNE
545 EAST 73RD STREET	1508 feet to the NNE
545 EAST 73RD STREET	1508 feet to the NNE
311 EAST 71ST ST	1539 feet to the NNW
350 EAST 60TH STREET	1618 feet to the WSW
265 E.66TH ST	1685 feet to the WNW
20 SUTTON PLACE	1710 feet to the SW
301 EAST 63RD STREET	1785 feet to the W
301 EAST 63RD ST	1785 feet to the W
401 EAST 58TH STREET	1811 feet to the WSW
442 E 75TH ST	1845 feet to the N
311 EAST 73RD STREET	1928 feet to the NNW
343 EAST 74TH STREET	1951 feet to the N
328 EAST 74TH ST	1961 feet to the NNW
348 EAST 58TH ST	2079 feet to the WSW
340 EAST 58TH STREET	2132 feet to the WSW
1 MAIN STREET	2188 feet to the S
684 MAIN ST	2276 feet to the ENE
430 EAST 77TH ST	2382 feet to the NNE
430 EAST 77TH STREET	2382 feet to the NNE
1537EAST 67TH STREET	2539 feet to the NW
401 EAST 77TH STREET	2571 feet to the N

Closed Status Spills (Unknown Causes & Other Causes) --- Total Sites - 438Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
121	9804691		68TH ST / YORK AVE	56 feet to the NNW*
122	0212671	ROCKEFELLER UNIVERSITY	1188 YORK AVE	91 feet to the NNW*
123	0910289	YORK AVE- SOUTH OF EAST 69TH ST	YORK AVE- SOUTH OF EAST 69TH ST	295 feet to the N
124	9303716	525 EAST 68TH STREET	525 EAST 68TH STREET	345 feet to the N
125	0106930		YORK AV @ EAST 66ND ST	389 feet to the WNW

126	0212049	MANHOLE #12655	436 E 69TH ST	395 feet to the NNW
127	9309418	70TH ST IN EAST RIVER	70TH ST IN EAST RIVER	518 feet to the NNE
128	9806122	70TH ST &	YORK AV	556 feet to the N
129	0601610	ASBESTOS FOUND IN EXCAVATION	EAST 70 STREET AND YORK AVENUE	556 feet to the N
130	0314235	LASDEN HOUSE GARAGE	420 EAST 70TH STREET	628 feet to the NNW
131	9501073	400 EAST 68TH STREET	400 EAST 68TH STREET	655 feet to the NW
132	9201150	60TH ST NR PANAM HELIPORT	60TH ST NR PANAM HELIPORT	665 feet to the SW
133	8604510	SEWER DISCHARGE AT HELOPO	60TH ST. AND HELOPORT	665 feet to the SW
134	0502397	MANHOLE 48453	YORK AVE/E 62ND ST	670 feet to the WSW
135	1008964	220063; 409 E 69 ST	409 E 69 ST	676 feet to the NNW
136	0703128	NY PRES. HOSP	1320 YORK AVE	678 feet to the N
137	9314973	402 EAST 67TH STREET	402 EAST 67TH ST	691 feet to the NW
138	0511289	CONSTRUCTION SITE	400 EAST 67TH STREET	691 feet to the NW
139	0814651	214847; 535 E 70 ST	535 E 70 ST	706 feet to the NNE
140	0914448	218333; 1313-27 YORK AVE	1313-27 YORK AVE	721 feet to the N
141	0906531	VAULT	1313-27 YORK AVE	721 feet to the N
142	0610263	PILAR RES	410 EAST 65TH ST	754 feet to the W
143	9902558		1ST AV & E 68TH ST	761 feet to the NW
144	0312039	FIRE HYDRANT	1132 YORK AVE EAST SIDE	768 feet to the SW
145	9509550	CORNELL MEDICAL CENTER	FDR DRIVE NEAR 71ST STREE	781 feet to the NNE
146	9412598	EAST 71ST STREET & FDR DR	EAST 71ST ST / FDR DR	781 feet to the NNE
147	0508491	MANHOLE - #2 PIPELINE	71 ST / FDR DRIVE	781 feet to the NNE
148	0012963	FDR SERVICE RD	E 71ST ST	781 feet to the NNE
149	0008932	MH 427	FDR DR/ 71ST ST	781 feet to the NNE
150	0400840		E 61ST ST/FDR DRIVE	798 feet to the SW
151	0705719	E 66TH / 1ST AVE	E 66TH / 1ST AVE	856 feet to the WNW
152	9901329	MANHOLE 48444	YORK AVE/E 61ST ST	881 feet to the SW
153	1012890	STREET	1239 1ST AVE	892 feet to the NW
154	9810565	E.71ST ST 1ST & YORK	E. 71ST ST BET 1ST & YORK	920 feet to the N
155	8901204	520 EAST 72ND ST/MANH	520 EAST 72ND STREET	923 feet to the NNE
156	0009596		517 EAST 71ST ST	923 feet to the NNE
157	0005199		520 E. 72ND ST	923 feet to the NNE
158	8909057	400 EAST 71ST ST / MAN	400 E.71ST ST	934 feet to the NNW
159	0311953	MULTIPLE DWELLING	401 EAST 70 ST-OFF 1ST AV	934 feet to the NNW
160	0890444	206494; YORK AVE	YORK AVE	955 feet to the N
161	0001277	SERVICE BOX 12406	342 EAST 67TH ST	962 feet to the NW
162	9109492	402 E 64TH ST	402 E 64TH ST	1001 feet to the W
163	0810522	EXCAVATION SITE	426 EAST 62ND ST	1022 feet to the WSW
164	0006796	VAULT 9139	531 MAIN STREET	1026 feet to the ESE
165	0207142	VAULT 8984	555 MAIN STREET	1035 feet to the E
166	0805133	EXCAVATION SITE	333 E 66TH ST	1037 feet to the WNW
167	9309252	EAST RIVER E. 72ND STREE	EAST RIVER E. 72ND STREET	1064 feet to the NE
168	8805839	EAST RIVER/72ND ST&FDR DR	EAST RIVER / 72ND ST	1064 feet to the NE
169	9808108	MANHOLE 59969	YORK AVE & EAST 72ND ST	1099 feet to the N
170	0407840	MANHOLE #5590	EAST 72TH & YORK AVE	1099 feet to the N
171	0203465	MANHOLE 59969	YORK AV/EAST 72ND ST	1099 feet to the N
172	9509974	345 EAST 65TH ST	345 EAST 65TH ST	1110 feet to the WNW
173	9504422	UNK	59TH ST BRIDGE	1111 feet to the SW
174	9400023	59TH ST BRIDGE	59TH ST BRIDGE	1111 feet to the SW
175	8802956	QUEENSBOROUGH BRIDGE	QUEENSBOROUGH BRIDGE	1111 feet to the SW
176	0209372	EAST RIVER	59TH ST BRIDGE	1111 feet to the SW
177	0006603	QUEENSBORO BRIDGE	EAST ROAD WAY	1111 feet to the SW
178	0890075	206099; N/S E 71 50' E 1 AV	N/S E 71 50' E 1 AV	1112 feet to the NNW

179	0806475	1ST AVE & EAST 71ST STREET	1ST AVE & EAST 71ST STREET	1112 feet to the NNW
180	9914019	60TH ST & YORK AVE	E 60TH ST & YORK AVE	1114 feet to the SW
181	0212598	VAULT #6577	E 60TH ST & YORK AV	1114 feet to the SW
182	9714515	AMERICAN PORT SERVICES	421 E 60TH ST	1131 feet to the WSW
183	0710807	PIPELINE	420 EAST 61ST STREET	1131 feet to the WSW
184	0606853	VACANT LOT	420 EAST 61ST STREET	1131 feet to the WSW
185	8801925	407 EAST 61ST ST/CARRIAGE	407 EAST 61ST ST	1151 feet to the WSW
186	1103096	MANHOLE 59546	EAST 64TH ST AND 1ST AVE	1161 feet to the W
187	0202299	MH 12101	EAST 64TH ST/1ST AVE	1161 feet to the W
188	0012536		64TH ST / 1ST AV	1161 feet to the W
189	0308987		525 E. 72ND ST	1164 feet to the NNE
190	8903472	400 E 62ND ST & 1ST AVE	400 E 62ND ST & 1ST AVE	1178 feet to the WSW
191	0307365	-NYCT	63RD ST/1ST AVE	1185 feet to the W
192	0011677	IFO DRY CLEANING BUSINESS	SW CORNER OF 63RD ST & 1ST	1185 feet to the W
193	0800802	MERCURY FOUND IN TRENCH	EAST 60 ST STEAM GEN STATION	1216 feet to the SW
194	0305342	SERVICE BOX 13323	522 E. 73RD ST	1219 feet to the NNE
195	0708258	ODOR IN EXCAVATION	IN FRONT OF 413 EAST 72 STREET	1224 feet to the N
196	9807004		400/402 EAST 72ND ST	1232 feet to the N
197	8908699	1ST AVE & 62ND ST/MANH	1ST AVE & 62ND STREET	1263 feet to the W
198	0804742	MANHOLE #53353	E 62 ST/1ST AVE	1263 feet to the W
199	9907777	EAST 60TH ST BETWEEN	1ST AVE AND YORK	1284 feet to the WSW
200	9513456	1ST STREET/YORK AVE	S SIDE E 60TH ST	1284 feet to the WSW
201	0913231	EXCAVATION SITE	EAST 60TH ST BETWEEN 1ST AND YORK AVE	1284 feet to the WSW
202	0212523		315 EAST 69TH SP APT. L-D	1285 feet to the NW
203	9911227	VAULT 7161	409-15 EAST 60TH ST	1285 feet to the WSW
204	8904668	FIRST AV BETW E61 & E62 S	1ST AVE / E 61ST	1314 feet to the WSW
205	9202751	360 E 72ND ST	360 E 72ND ST	1322 feet to the NNW
206	0806486	MARY MANNING SR. HOME	1339 1ST AVE.	1322 feet to the NNW
207	9908654	MANHOLE 60445	FRANKLIN ROSEVELT DR/E 73	1323 feet to the NNE
208	0308960	WARDS ISLAND M-1	73RD ST & FDR DR	1323 feet to the NNE
209	0310687	ST TROPEZ CONDOMINIUMS	340 EAST 64TH STREET	1325 feet to the W
210	9604678	OPEN EXCAVATION	1ST AVE EAST 72ND ST	1335 feet to the N
211	9604666	FEEDER LEAK	72ND ST / 1ST AVE	1335 feet to the N
212	9601796	EXCAVATION SITW	72ND ST / 1ST AVE	1335 feet to the N
213	9813069	MANHOLE #63553	YORK AV / 59TH ST	1356 feet to the SW
214	0710391	BUILDING	YORK AVE/ EAST 59TH ST	1356 feet to the SW
215	0006069	MANHOLE #48420	59TH ST & SUTTON PL	1356 feet to the SW
216	9605443	QUEENSBORO BRIDGE	BET. YORK & 1ST AV	1362 feet to the WSW
217	0514155	MANHOLE #59596	327 EAST 64 STREET	1365 feet to the WNW
218	9510259	326 EAST 65TH ST	326 EAST 65TH ST	1383 feet to the WNW
219	0302479	MANHOLE #60636	YORK AVE/73RD ST	1383 feet to the N
220	0105022	DISTRIBUTION MANHOLE	E 73 RD ST & YORK AVE	1383 feet to the N
221	0104864	FEEDER 38M33	73RD ST & YORK AVE	1383 feet to the N
222	9908756	MANHOLE 53349	EAST 61ST ST/FIRST AVE	1388 feet to the WSW
223	9902881	MANHOLE #53349	EAST 61ST & 1ST AV	1388 feet to the WSW
224	0004185	MAN HOLE 11737	E61ST ST/E OF 1ST AV	1388 feet to the WSW
225	9011624	1121 1ST AVE/MANH/GETTY	1121 1ST AVENUE	1400 feet to the WSW
226	9815419	APT BUILDING	315 EAST 68TH ST	1404 feet to the NW
227	0410766	GOODSTEIN MANAG. (CONDO)	315 EAST 68TH ST.	1404 feet to the NW
228	8806281	50 SUTTON PLACE	50 SUTTON PLACE	1406 feet to the SW
229	0400762	2ND AVE SUBWAY PROJECT -NYCT	64TH BETWEEN 1&2 AVE	1444 feet to the W
230	0011395	APARTMENT COMPLEX	IFO 355 E72ND ST	1451 feet to the NNW
231	9203784	1ST AVE & 60TH ST/GETTY	1ST AVE & 60TH ST	1455 feet to the WSW

232	9201394	GETTY SERVICE STATION	1102 FIRST AVE	1455 feet to the WSW
233	9703858	301 EAST 69TH ST	301 EAST 69TH ST	1460 feet to the NW
234	0011531		355 EAST 72ND ST	1479 feet to the NNW
235	0011118		355 EAST 72ND ST	1479 feet to the NNW
236	0011071		355 E 72ND STREET	1479 feet to the NNW
237	0011009		355 EAST 72ND ST	1479 feet to the NNW
238	9813041	EAST RIVER	BETWEEN 73RD & 74TH ST.	1481 feet to the NE
239	1114324	VS1492	1260 2ND AVE	1492 feet to the WNW
240	0914238	216982; 1260 2 AVE AND 66 ST	1260 2 AVE AND 66 ST	1492 feet to the WNW
241	0890344	209515; E E 59 ST ST	E E 59 ST ST	1503 feet to the SW
242	0010365	MANHOLE #54570	68TH ST & 2ND AV	1510 feet to the NW
243	0009499	MANHOLE 54570	E68TH ST/2ND AV	1510 feet to the NW
244	0611013	2ND AVE SUBWAY PROJECT	2ND AVE/ 67TH STREET	1516 feet to the NW
245	0601399	BETWEEN 1ST & 2ND AVE	306 E 71 ST	1520 feet to the NNW
246	0010907	APARTMENT BLDG	346 E 62ND ST	1524 feet to the W
247	0301456	CON ED	330 EAST 63RD ST	1531 feet to the W
248	0609744	2 AVE SUBWAY PROJECT	69TH AND 2ND AVE	1537 feet to the NW
249	0012531	APARTMENT COMPLEX	353 72ND STREET	1539 feet to the NNW
250	8605776	1 AVE BET 58ND & 62ND ST	1 AVE. BET 58TH & 62ND ST	1546 feet to the WSW
251	1012155	STEAM MAIN	EAST 60TH AT 1ST AVE	1546 feet to the WSW
252	0303664	MANHOLE #58563	EAST 60TH ST/1ST AVE	1546 feet to the WSW
253	9307482	281 MAIN STREET	281 MAIN STREET	1548 feet to the S
254	0801261	PRIVATE DWELLING	512 EAST 74TH STREET	1551 feet to the NNE
255	0814399	213285; 508 E 74 ST	508 E 74 ST	1564 feet to the NNE
256	0814397	213281; 508 E 74 ST	508 E 74 ST	1564 feet to the NNE
257	0913368	CON EDISON EAST 74 GENERATING STATION	506 EAST 74 TH ST	1571 feet to the NNE
258	0101583	CORNER OF 1ST AVE AND	EAST 73RD STREET	1578 feet to the N
259	9914221	ON BLUESTONE	E 63RD ST SUBSTATION	1605 feet to the W
260	9913510	EAST 63RD SUBSTATION	321 E 63RD ST	1605 feet to the W
261	9909895	MANHOLE 59734	EAST 63RD ST SUBSTATION	1605 feet to the W
262	9909031	EAST 63RD ST SUBSTATION	321 E 63RD ST	1605 feet to the W
263	9900605	CAPACITOR BANK #1	E. 63RD ST SUB - 321 E63R	1605 feet to the W
264	9800522	EAST 63 RD SUBSTATION	321 EAST 63RD ST	1605 feet to the W
265	9602023	63 ST SUBSTATION	321 EAST 63RD ST	1605 feet to the W
266	0909137	EAST 63RD ST SUNSTATION	321 EAST 63RD ST	1605 feet to the W
267	0407383	E63RD ST SUBSTATION - MH00001	321 E 63RD ST	1605 feet to the W
268	0310352	SUBSTAION	321 EAST 63RD ST	1605 feet to the W
269	0211624	EAST 63RD ST SUBSTATION	321 EAST 63RD ST	1605 feet to the W
270	0103439	63RD STREET SUB STATION	321 EAST 63RD ST	1605 feet to the W
271	0012215	63RD STREET SUB-STATION	321 EAST 63RD STREET	1605 feet to the W
272	0011688	VAULT 5	321 E.63RD ST SUBSTATION	1605 feet to the W
273	0011488	E 63RD ST SUB STATION	321 E 63RD ST	1605 feet to the W
274	9105360	E 70TH ST & 2ND AVE	E 70TH ST & 2ND AVE	1608 feet to the NW
275	0890452	208608; E 70 ST	E 70 ST	1608 feet to the NW
276	9502953	74TH ST & FDR DRIVE	74TH ST / FDR DRIVE	1619 feet to the NE
277	9502886	74TH ST & FDR DRIVE	74TH ST FDR DRIVE	1619 feet to the NE
278	0914397	218061; FDR W RDWAY AND 74TH ST	FDR W RDWAY AND 74TH ST	1619 feet to the NE
279	0808727	EAST RIVER	EAST RIVER I/A/O EAST 74TH ST	1619 feet to the NE
280	9711288	21 SUTTON PLACE	21 SUTTON PLACE	1622 feet to the SW
281	9707943	410 EAST 74TH ST	410 EAST 74TH ST	1636 feet to the N
282	9112879	525 E 74TH ST	525 E 74TH ST	1644 feet to the NNE
283	0911719	CON ED	INTERSECTION EAST 65TH AND 2ND AVE	1646 feet to the WNW
284	9506332	74TH ST & YORK AVE	74TH ST & YORK AVE	1647 feet to the NNE

285	0914380	217975; E 74 ST AND YORK AVE	E 74 ST AND YORK AVE	1647 feet to the NNE
286	0814384	213222; E. 74 ST AND YORK AVE.	E. 74 ST AND YORK AVE.	1647 feet to the NNE
287	0506956	VAULT #3946	EAST 74TH AT YORK AVE	1647 feet to the NNE
288	0506217	VAULT 3946	EAST 74TH ST	1647 feet to the NNE
289	9414298	234 E. 70TH STREET	234 E. 70TH ST	1721 feet to the NW
290	0814361	213058; E 59 ST AND 1 AVE	E 59 ST AND 1 AVE	1725 feet to the WSW
291	0808673	MANHOLE # 58743	EAST 59 ST/ 1ST AVE	1725 feet to the WSW
292	0612961	SHAFT #33B	1ST AVE & 59TH STREET	1725 feet to the WSW
293	0306583	MANHOLE 58743	EAST 59TH ST/FIRST AV	1725 feet to the WSW
294	9810436	CHURCH OF THE EPIPHANY	1393 YORK AV	1738 feet to the N
295	9612519	1231 2ND AVE	1231 2ND AVE	1744 feet to the WNW
296	9510345	345 EAST 73RD ST	345 EAST 73RD ST	1758 feet to the N
297	0514091	MANHOLE #65410	EAST 64 STREET & 2 AVE	1765 feet to the WNW
298	0211631	MANHOLE 65410	EAST 64 ST/2ND AVE	1765 feet to the WNW
299	9905479	MANHOLE 62669	300 EAST 63RD ST	1772 feet to the W
300	9313026	1402 YORK AVENUE	1402 YORK AVENUE	1774 feet to the NNE
301	9910536	74TH ST GEN STATION	E75TH ST & EAST RIVER	1781 feet to the NNE
302	9808281	E74TH ST GENERATING STA.	3RD FLOOR BAY	1781 feet to the NNE
303	9807955	74 TH ST GEN. STATION	506 EAST 75TH STREET	1781 feet to the NNE
304	9508189	GENERATING STATION	506 EAST 75TH STREET	1781 feet to the NNE
305	9505944	74TH ST SUBSTATION	506 EAST 75TH STREET	1781 feet to the NNE
306	9503274	74TH ST GENERATING STA.	506 EAST 75TH STREET	1781 feet to the NNE
307	9500927	506 EAST 75RD STREET	506 EAST 75TH STREET	1781 feet to the NNE
308	9415706	CON-ED - 74TH ST GEN. STA	506 EAST 75TH STREET	1781 feet to the NNE
309	9415705	CON-ED - 74TH ST GEN. STA	506 EAST 75TH STREET	1781 feet to the NNE
310	9413979	74TH ST GEN STATION	74TH ST & YORK AVE	1781 feet to the NNE
311	9411588	74TH ST GEN STATION	506 EAST 75TH STREET	1781 feet to the NNE
312	9310205	74TH STREET STA.	74TH STREET STA.	1781 feet to the NNE
313	9107154	74TH ST. GEN. STATION	506 E 75TH ST	1781 feet to the NNE
314	0904820	CON ED FACILITY	75TH ST. & YORK AVE	1781 feet to the NNE
315	0904808	IN TAKE TUNEL EMIS 217705	506 EAST 75TH ST	1781 feet to the NNE
316	0900655	CON ED 74TH ST GEN STATION	506 EAST 75TH ST	1781 feet to the NNE
317	0811981	74TH ST GENERATING STATION	506 75TH ST	1781 feet to the NNE
318	0810162	CON ED 74TH ST GEN STATION	506 EAST 75TH ST	1781 feet to the NNE
319	0808767	74TH STREET GEN STATION	506 EAST 75TH ST	1781 feet to the NNE
320	0806917	74TH ST GENERATING STATION	506 EAST 75TH ST	1781 feet to the NNE
321	0805984	CONED GEN-STATION	506 EAST 75TH STREET	1781 feet to the NNE
322	0805825	CONED TUNNEL	506 EAST 75TH STREET	1781 feet to the NNE
323	0802558	SHEEN IN DISCHARGE TUNNEL	506 EAST 75 STREET. GEN STATION	1781 feet to the NNE
324	0801911	74 ST STEAM STATION. LUBE OIL, 1 GAL	506 EAST 75 STREET	1781 feet to the NNE
325	0712848	74 ST GEN STATION. BASEMENT TRENCH	506 EAST 75 STREET	1781 feet to the NNE
326	0712605	SHEEN IN EAST RIVER FROM BOILER	506 EAST 75 ST. 74 ST GEN STATION	1781 feet to the NNE
327	0705593	74 ST STEAM GENERATING STATION	506 EAST 75 STREET	1781 feet to the NNE
328	0613063	EAST RIVER	506 EAST 75TH STREET	1781 feet to the NNE
329	0607010	74 ST GENERATING STATION	506 EAST 75 STREET	1781 feet to the NNE
330	0607006	#6 FO FOUND IN RETIRED MOAT AT DOCK	74 ST & YORK AVE. GENERATING STATION	1781 feet to the NNE
331	0401143		506 EAST 75TH STREET	1781 feet to the NNE
332	0306344	74TH ST GENERATING STAT	506 EAST 75TH STREET	1781 feet to the NNE
333	0305687		506 E 75TH ST	1781 feet to the NNE
334	0302022	74TH ST GENERATING STA	74TH STREET	1781 feet to the NNE
335	0210618	74TH ST GENERATING STAT	506 75TH ST	1781 feet to the NNE
336	0210280	74TH ST GENERATING STATIO	506 EAST 75TH STREET	1781 feet to the NNE
337	0209194	74TH ST GENERATING STATIO	74TH ST GENERATING STATION	1781 feet to the NNE

338	0209051	74TH ST GEN.STATION	506 EAST 75TH STREET	1781 feet to the NNE
339	0201492	74TH ST GENERATING STATIO	506 EAST 75TH STREET	1781 feet to the NNE
340	0102317	74TH ST GENERATING STAT.	506 EAST 75TH STREET	1781 feet to the NNE
341	0001429		215 E 68TH ST	1788 feet to the NW
342	0504236	MANHOLE #11600	323 EAST 60 ST	1795 feet to the WSW
343	0814196	211382; 1ST AVENUE AND E 74 STREET	1ST AVENUE AND E 74 STREET	1813 feet to the N
344	0805564	EAST 74TH ST GENERATING S	E 74TH ST/ 1ST AVE	1813 feet to the N
345	0312155	REGULATOR 02A	74TH ST AND 1ST AV	1813 feet to the N
346	9609782	225 EAST 70TH ST	225 EAST 70TH ST	1814 feet to the NW
347	9514939	MULTI-DWELLING	225 EAST 70TH ST	1814 feet to the NW
348	0304913	BOHEMIAN NAT'L HALL	321 E.73RD ST	1833 feet to the NNW
349	0013671		440 EAST 75TH ST	1848 feet to the N
350	9904575	MANHOLE 40	EAST 72ND ST/2ND AVE	1866 feet to the NNW
351	0004840		228 EAST 68TH ST	1904 feet to the NW
352	9712420	MANHOLE #58511	E 63RD ST / 2ND AVE	1911 feet to the W
353	0914308	217495; E 75 ST AND YORK AVE	E 75 ST AND YORK AVE	1912 feet to the NNE
354	0914231	216923; E 75 ST AND YORK AVE	E 75 ST AND YORK AVE	1912 feet to the NNE
355	0814539	214146; E 75 ST AND YORK AVE	E 75 ST AND YORK AVE	1912 feet to the NNE
356	0804828	MANHOLE #60161	E 75TH ST & YORK AVE	1912 feet to the NNE
357	0713806	OIL ENTERING EAST WALL OF MH 61165	EAST 75 STREET & YORK AVENUE	1912 feet to the NNE
358	0610430	BLACK CLAY SUBSTANCE IN EXCAVATION	75TH STREET EAST OF YORK	1912 feet to the NNE
359	0603614	VAULT 4011	58 STREET AND 1 AVENUE	1930 feet to the WSW
360	0006225	MANHOLE 59481	1ST AV/EAST 58TH ST	1930 feet to the WSW
361	0311055	COMMERCIAL	11 - 66 2ND AVE	1938 feet to the W
362	0814556	214286; E 62 ST AND 2ND AVE	E 62 ST AND 2ND AVE	1974 feet to the W
363	0000053	MANHOLE 59311	E 62ND ST /2ND AVE	1974 feet to the W
364	0130054	502-512 E 76TH ST	503-509 E 75TH ST	1989 feet to the NNE
365	0130013	506 EAST 76TH STREET	503-509 EAST 75TH STREET	1989 feet to the NNE
366	9405816	E. RIVER 75 & 76TH STS	E. RIVER / 76TH ST	2010 feet to the NE
367	0604133	COMMERCIA PROPERTY	429 EAST 75TH STREET	2023 feet to the N
368	9909554	EAST 75TH ST SUBSTATION	525 EAST 75TH STREET	2033 feet to the NNE
369	9902659		E 75TH STREET SUBSTATION	2033 feet to the NNE
370	9809803	SUBSTATION IN MANHATTAN	525 EAST 75TH STREET	2033 feet to the NNE
371	9808664	EAST 75TH STREET SUB-STAT	525 EAST 75TH STREET	2033 feet to the NNE
372	9500030	525 75TH STREET	525 75TH ST	2033 feet to the NNE
373	9500028	74TH ST GENERATING STATION	525 EAST 75TH STREET	2033 feet to the NNE
374	0811927	CON ED GENERATING STATION	525 EAST 75TH ST	2033 feet to the NNE
375	0809153	EAST 75TH ST SUBSTATION	525 EAST 75TH ST	2033 feet to the NNE
376	0711376	EAST 75 ST S/S. XFMR # 1, 16 OZ	525 EAST 75 STREET. SUBSTATION	2033 feet to the NNE
377	0705939	EAST 75 ST S/S - XFMR # 5, SIX GALLONS	525 EAST 75 STREET - SUBSTATION	2033 feet to the NNE
378	0400196	EAST 75TH SUBSTATION	525 EAST 75TH STREET	2033 feet to the NNE
379	0208679	CON ED	575 EAST 75TH STREET	2033 feet to the NNE
380	0007270	MANHOLE 426	E75TH ST SUB-STATION	2033 feet to the NNE
381	0002648	MANHOLE #426/E 75TH ST	525 EAST 75TH STREET	2033 feet to the NNE
382	0002626	75TH STREET SUBSTATION	525 EAST 75TH STREET	2033 feet to the NNE
383	0814364	213089; 2ND AVE AND E 73 ST	2ND AVE AND E 73 ST	2047 feet to the NNW
384	0704425	THREE GALLONS OIL IN MH #V5087	253 EAST 62 STREET	2052 feet to the W
385	0702506	3 GAL OIL FOUND IN VAULT # V5087	253 EAST 62 STREET	2052 feet to the W
386	0112129	MAN HOLE #5087	253 EAST 62ND ST	2052 feet to the W
387	9913255	MANHOLE #54519	E 61 ST & 2ND AV	2054 feet to the W
388	0914052	215836; E SECOND AVENUE AND E 61 STREET	E SECOND AVENUE AND E 61 STREET	2054 feet to the W
389	0914008	215523; E 61 ST AND 2ND AVE	E 61 ST AND 2ND AVE	2054 feet to the W
390	0505468	MANHOLE #54519	61ST & 2 AVE	2054 feet to the W

391	0500436	MAN HOLE #54519	EAST 61ST ST/2ND AVE	2054 feet to the W
392	0302435	215 EAST 64TH STREET	215 EAST 64TH STREET	2060 feet to the WNW
393	0513894	BLAIR HOUSE ASSOC	250 E 63RD ST	2062 feet to the W
394	0308115	MANHOLE #3815	504 E 76TH ST	2089 feet to the NNE
395	0204308		202 EAST 71ST ST	2091 feet to the NW
396	9903686	VAULT #0952	222 EAST 72ND ST	2096 feet to the NNW
397	9515110	APT BUILDING	300 EAST 74TH STREET	2110 feet to the NNW
398	0890282	208660; E 75 ST	E 75 ST	2116 feet to the N
399	9101677	420 EAST 76TH ST/MANH	420 EAST 76TH STREET	2131 feet to the N
400	9900971	MANHOLE #60303	E. 76TH ST & CHEROKEE PL	2142 feet to the NNE
401	9901510		EAST 57TH ST & 1ST AVENUE	2161 feet to the WSW
402	9901085	MANHOLE 5331	EAST 57TH ST & 1ST AVE	2161 feet to the WSW
403	9901083	MANHOLE #53310	EAST 57TH ST & 1ST AV	2161 feet to the WSW
404	0503135	MANHOLE #53310 AND 53311	EA 57 ST AND 1ST AVE	2161 feet to the WSW
405	0003475	MH53311	EAST 57 ST AND 1ST AV	2161 feet to the WSW
406	1012950	MANHOLE # 60153	EAST 76TH STREET AND YORK AVE	2176 feet to the NNE
407	1012948	MAN HOLE 60153	EAST 76 ST AND YORK AVE	2176 feet to the NNE
408	0814240	212174; E 76 ST AND YORK AVE	E 76 ST AND YORK AVE	2176 feet to the NNE
409	0801908	SEVEN GAL OIL IN MANHOLE # 57132	YORK AVENUE & EAST 76 STREET	2176 feet to the NNE
410	0701429	GOLDWATER HOSPITAL	1 MAIN STREET	2188 feet to the S
411	0313039	ON STREET	1409 SECOND AVE/EAST 73/7	2215 feet to the NNW
412	0313037		1409 2ND AVE	2215 feet to the NNW
413	0102680	EAST RIVER	40TH AVE	2217 feet to the ESE
414	0008483		EAST 67TH ST & 3RD AV	2223 feet to the NW
415	0900569	333 EAST 75TH ST	333 EAST 75TH ST	2241 feet to the N
416	0514587	APARTMENT BUILDING	300 EAST 75TH STREET	2252 feet to the NNW
417	9910908	SB #13283	220 EAST 73RD ST	2255 feet to the NNW
418	9406964	66TH ST & 3RD AVE	COR. 66TH ST & 3RD AVE	2255 feet to the WNW
419	0006697	MANHOLE 45130	66TH ST / 3RD AV	2255 feet to the WNW
420	0002958	IN FRONT OF	402 EAST 76TH ST	2269 feet to the N
421	9306334	FOOT OF ROOSEVELT IS.BRDG	FOOT OF ROOSEVELT IS.BRDG	2292 feet to the E
422	9703481	2ND AVE/E59TH ST	2ND AVE/E59TH ST	2297 feet to the WSW
423	9207891	S.TRAMWAY STAT/59TH ST.	S. TRAMWAY STAT/59TH ST	2297 feet to the WSW
424	0405699	QUEENSBORO BRIDGE EAST BO	59TH ST. /2ND AVE. EAST B	2297 feet to the WSW
425	9911246	CONSTRUCTION SITE	76TH AND 1ST ST	2304 feet to the N
426	0000621	MANHOLE 57310	411 E 76TH ST	2324 feet to the N
427	9504270	QUEENS BOROUGH BRIDGE	QUEENS BOROUGH BRIDGE	2369 feet to the SSE
428	9504172	QUEENSBORO BRIDGE	QUEENSBORO BRIDGE	2369 feet to the SSE
429	9409823	59TH ST BRIDGE	59TH ST BRIDGE	2369 feet to the SSE
430	9403956	EAST RIVER-QNS BORO BRIDG	EAST RIVER-QNS BORO BRIDG	2369 feet to the SSE
431	9305820	QUEENSBORO BRIDGE 59TH ST	QUEENSBORO BRIDGE 59TH ST	2369 feet to the SSE
432	9003855	EAST RIVER/VERNON BLVD	VERNON BLV/QUEENSBORO BRI	2369 feet to the SSE
433	8709432	QUEENSBOROUGH BRIDGE	QUEENS BR/LOWER RD EASTBD	2369 feet to the SSE
434	0508629	QUEENSBORO BRIDGE	EAST RIVER/EAST BLVD	2369 feet to the SSE
435	9811204	MANHOLE 45114	E 64TH ST & 3RD AVE	2400 feet to the WNW
436	0600876	JOHN JAY PARK	E 77TH ST / CHEROKEE PLAC	2406 feet to the NNE
437	0808152	APARTMENTS	238 EAST 60TH ST	2409 feet to the W
438	1000656	JOHN JAY BATHHOUSE	76-01 FDR DRIVE	2424 feet to the NNE
439	8907951	PLAZA 400	400 EAST 56TH STREET	2433 feet to the SW
440	9811865	MANHOLE 60281	EAST 77TH ST/YORK AVE	2439 feet to the NNE
441	9905728	CURB VALVE -	1265 3RD AVE	2456 feet to the NNW
442	9712817	APARTMENT HOUSE	203 E. 72ND ST	2456 feet to the NNW
443	0302659	MANHOLE 59970	EAST 72ND ST AT 3RD AVE	2476 feet to the NNW

444	0107984	MANHOLE #59970	E 72ND ST/3RD AVE	2476 feet to the NNW
445	9913091	RAVENSWOOD TURBINE SITE	VERNON BLVD	2503 feet to the ESE
446	9912033	RAVENSWOOD POWER STATION	3854 VERNON BLVD	2503 feet to the ESE
447	9912004	KEYSPAN	38-54 VERNON BOULEVARD	2503 feet to the ESE
448	9910095	RAVENSWOOD GAS TURBINE	38-54 VERNON BOULEVARD	2503 feet to the ESE
449	9909278	MANHOLE 16287	3854 VERNON BLVD	2503 feet to the ESE
450	9908924	MANHOLE 16422	VERNON SUB. 3854 VERNON B	2503 feet to the ESE
451	9906281	RAVENSWOOD POWER STA.	RAVENSWOOD POWER STA.	2503 feet to the ESE
452	9902302	MANHOLE #16287	38-54 VERNON BL	2503 feet to the ESE
453	9902301	MANHOLE #16286	38-54 VERNON BL	2503 feet to the ESE
454	9902007	RAVENSWOOD GENERATING ST	38-54 VERNON BOULEVARD	2503 feet to the ESE
455	9901825	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
456	9815098	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
457	9814890	RAVENWOODS GENERATING	38-54 VERNON BOULEVARD	2503 feet to the ESE
458	9814835	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
459	9813535	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE
460	9812619	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
461	9812437	RAVENSWOOD GEN. STATION	3854 VERNON BLVD	2503 feet to the ESE
462	9811724	RAVENSWOOD GAS TURBINE	40TH AVE & VERNON BLVD	2503 feet to the ESE
463	9809116	RAVENSWOODS GENERATING	3854 VERNON BLVD	2503 feet to the ESE
464	9808960	RAVENSWOODS GAS TURBINES	37TH AVE AND VERNON BLVD	2503 feet to the ESE
465	9808959	RAVENSWOOD GAS TURBINE SI	37TH AV / VERNON BLVD	2503 feet to the ESE
466	9808873	RAVENSWOOD PLANT	40TH ST AND VERNON BLVD	2503 feet to the ESE
467	9808510	RAVENSWOOD PLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE
468	9807728	RAVENSWOOD GS	38-54 VERNON BOULEVARD	2503 feet to the ESE
469	9807282	RAVENSWOOD GAS TURBINES	38-54 VERNON BOULEVARD	2503 feet to the ESE
470	9806585	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
471	9714135	REAR OF RAVENSWOOD GEN.	38-54 VERNON BOULEVARD	2503 feet to the ESE
472	9713836	EAST RIVER	38-54 VERNAN BLVD	2503 feet to the ESE
473	9713616	VERNON SUBSTATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
474	9711300	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
475	9709887	LEMON CREEK BARGE	38-50 VERNON BLVD	2503 feet to the ESE
476	9706525	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
477	9704976	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE
478	9703948	RAVENSWOOD STEAM PLANT	7-18 37TH AVE	2503 feet to the ESE
479	9703847	RAVENSWOOD SUB-STATION	3854 VERNON BLVD	2503 feet to the ESE
480	9703220	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
481	9702440	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
482	9701545	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE
483	9614149	RAVENSWOOD GENERATING STA	40TH AVENUE & VERNON BOUL	2503 feet to the ESE
484	9611994	RAVENSWOOD GENERATING	38-54 VERNON BOULEVARD	2503 feet to the ESE
485	9608613	CON ED	38-54 VERNON BOULEVARD	2503 feet to the ESE
486	9608171	RAVENSWOOD GAS TURBINE	40TH AVE & VERNON BLVD	2503 feet to the ESE
487	9607848	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE
488	9607352	RAVENSWOOD GEN. STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
489	9606938	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE
490	9605261	RAVENWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
491	9603703	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE
492	9601511	RAVENSWOOD FACILITY	3854 VERNON BLVD	2503 feet to the ESE
493	9601510	EAST RIVER	RAVENWOOD GENERATING STA.	2503 feet to the ESE
494	9600456	RAVENSWOOD GENERATING ST	VERNON BLVD	2503 feet to the ESE
495	9516659	RAVENSWOOD COMPLEX	VERNON BLVD	2503 feet to the ESE
496	9516114	RAVENHOOD GENERATING STA	3854 VERNON BLVD	2503 feet to the ESE

497	9515978	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
498	9515624	EAST RIVER	3854 VERNON BLVD	2503 feet to the ESE
499	9514860	3854 VERNON BLVD	3854 VERNON BLVD	2503 feet to the ESE
500	9512371	RAVENSWOOD GENERATING	38-54 VERNON BOULEVARD	2503 feet to the ESE
501	9511964	RAVENSWOOD GEN STATION	38-54 GRAND BLVD	2503 feet to the ESE
502	9501809	RAVENSWOOD GENERATING STA	38054 VERNON BLVD	2503 feet to the ESE
503	9501033	RAVENSWOOD TO RAINEY TUNN	RAVENSWOOD TO RAINEY TUNN	2503 feet to the ESE
504	9415452	CON ED - RAVENWOOD STA.	38054 VERNON BLVD	2503 feet to the ESE
505	9415141	RAVENSWOOD PLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE
506	9415138	RAVENSWOOD PLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE
507	9406019	RAVENSWOOD SITE	VERNON BLVD	2503 feet to the ESE
508	9306561	RAVENSWOOD FACILITY	38-54 VERNON BOULEVARD	2503 feet to the ESE
509	9202886	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE
510	9202065	37TH AVE/CONED/RAVENSWOOD	37TH AVE/CONED/RAVENSWOOD	2503 feet to the ESE
511	9010312	38-54 VERNON BLVD/QUEENS	38-54 VERNON BOULEVARD	2503 feet to the ESE
512	8703060	RAVENSWOOD GEN STATION	3854 VERNON BOULEVARD	2503 feet to the ESE
513	1200837	SHEEN AT TRANS CANADA	38-54 VERNON BLVD	2503 feet to the ESE
514	1101926	RAVENS WOOD YARD	38-54 VERNON BLVD	2503 feet to the ESE
515	1101903	RAVENSWOOD UTILITY TUNNEL	38-54 VERNON BLVD	2503 feet to the ESE
516	1101750	SURFACE WATER	38-54 VERNON BLVD	2503 feet to the ESE
517	1010685	TRANS CANADA	38-54 VERNON BLVD	2503 feet to the ESE
518	1004879	VERNON SUB STATION/EMIS #222738	38-54 VERNON BLVD	2503 feet to the ESE
519	0905060	RAVENSWOOD POWER STATION	38-54 VERNON BLVD	2503 feet to the ESE
520	0904023	TRANS CANADA POWER PLANT	38-54 VERNON BLVD	2503 feet to the ESE
521	0903796	RAVENS WOOD POWER STATION	38-54 VERNON BLVD	2503 feet to the ESE
522	0805597	RAVEN'S WOOD POWER STATIO	3854 VERNON BLVD.	2503 feet to the ESE
523	0712668	VERNON SUBSTATION	38-54 VERNON BLVD	2503 feet to the ESE
524	0707829	POWER STATION -RAVENSWOOD	38-54 VERNON BOULVARD	2503 feet to the ESE
525	0705296	RAVENSWOOD POWER STATION	38-54 VERNON BOULVARD	2503 feet to the ESE
526	0601793	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
527	0505905	RAVENS WOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
528	0410142	RAVENSWOOD GENERATING STA	3854 VERNON BOULEVARD	2503 feet to the ESE
529	0407306	KEYSPAN - EAST RIVER	3854 VERNON BLVD	2503 feet to the ESE
530	0310127	RADENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
531	0300564	RAVENSWOOD POWER STATION	38-56 VERNON BL	2503 feet to the ESE
532	0209568	RAVENSWOODS POWERPLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE
533	0209502	EAST RIVER	38-54 VERNON BOULEVARD	2503 feet to the ESE
534	0209288		RAVENSWOOD TUNNEL	2503 feet to the ESE
535	0207948	RAVENSWOOD STATION	VERNON BL	2503 feet to the ESE
536	0207386	RAVENSWOOD POWER PLANT	36TH AVENUE/VERNON BLVD	2503 feet to the ESE
537	0207223	RAVENWOOD STATION	3854 VEERNON BLVD	2503 feet to the ESE
538	0206787	RAVENSWOOD GENERATING STA	RAVENSWOOD GENERATING STN	2503 feet to the ESE
539	0204499	RAVENSWOOD POWER STATION	3854 VERNON BOULEVARD	2503 feet to the ESE
540	0202714	VERNON SUBSTATION PH #2	38-54 VERNON BOULEVARD	2503 feet to the ESE
541	0110271	RAVENSWOOD POWER STA	3854 VERNON BLVD	2503 feet to the ESE
542	0108854	RAVENSWOOD TUNNEL HOUSE	VERNON BLVD & 37TH AVE	2503 feet to the ESE
543	0105168	RAVENSWOOD TUNNEL	40TH AVE/VERNON BL	2503 feet to the ESE
544	0013286	VERNON SUBSTATION PH 6	38-54 VERNON BOULEVARD	2503 feet to the ESE
545	0013037	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE
546	0006765	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
547	0003044	RAVENSWOOD SUB STATION	12TH & 36 AV	2503 feet to the ESE
548	0603086	CORNELL UNIVERSITY	416 EAST 55TH STREET	2518 feet to the SW
549	9313655	346 EAST 56TH STREET	346 EAST 56TH STREET	2572 feet to the SW

550	9501751	VERNON SUBSTATION	VERNON BLVD & 41ST ST	2575 feet to the SE
551	0208414	VERNON SUBSTATION	VERNON AVENUE AT 41ST ST	2575 feet to the SE
552	0008449	MANHOLE 15865	VERNON SUB STATION	2575 feet to the SE
553	0501179	RETAIL STORE	1273 3RD AVE	2583 feet to the NNW
554	9408873	315 E. 56TH ST	315 E. 56TH ST	2584 feet to the WSW
555	9612613	SPECIAL OPS COMMAND	750 EAST MAIN ST/RANDALLS	2597 feet to the ENE
556	1010093	QUEENS BRIDGE PARK	CRNR OF VENNA AND 41ST	2611 feet to the SE
557	0711785	DUANE READE DRUG STORE	300 EAST 57TH STREET	2630 feet to the WSW
558	0402263	APARTMENT BUILDING	222 EAST 75TH ST	2631 feet to the NNW
Closed Status Spills (Miscellaneous Spill Causes) -- Total Sites - 111				
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
559	9804696	ON STREET	E. 68TH ST / YORK AVE	56 feet to the NNW*
560	9414772	NY HOSPITAL COMPLEX	68TH STREET / YORK AVE	56 feet to the NNW*
561	9913111	VAULT Z2166	1188 YORK AVE	91 feet to the NNW*
562	0905644	ROCKEFELLER UNIVERSITY	1230-52 YORK AVE	91 feet to the NNW*
563	0702354	BOILER ROOM	1230 YORK AVE	91 feet to the NNW*
564	0404363	POWER PLANT	1188 YORK AVE	91 feet to the NNW*
565	0314200	ROCKEFELLER UNIV ENGINE R	1230 YORK AVE	91 feet to the NNW*
566	0010990	ROCKEFELLER UNIVERSITY	1230 YORK AV	91 feet to the NNW*
567	0006107		440 E 67ND ST	199 feet to the NW*
568	9212921	445 EAST 68TH STREET	445 EAST 68TH STREET	255 feet to the NNW
569	0813054	MANHOLE M57127	YORK AVE AND EAST 69TH STREET	295 feet to the N
570	0804834	NYC TRANSIT	YORK AVE & 69TH STREET	295 feet to the N
571	0407811	MANHOLE 57127	EAST 69TH/YORK AVE	295 feet to the N
572	1200027	VAULT ROOM	430 EAST 67TH STREET	324 feet to the NW
573	0907512	IN FRONT OF	430 EAST 67TH ST	324 feet to the NW
574	8911502	NY HOSPITAL	5251 E.68TH ST	345 feet to the N
575	8900692	525 E 68TH ST/NY HOSPITAL	525 EAST 68TH STREET	345 feet to the N
576	8806483	EAST 71ST ST/NY HOSPITAL	EAST 71ST STREET	345 feet to the N
577	1000632	CORNELL MEDICAL COLLEGE	1300 YORK AVE	345 feet to the N
578	0903248	NY PRESBYTERIAN HOSPITAL	525 EAST 68TH ST	345 feet to the N
579	0802810	NY PRES. HOSP	525 EAST 68	345 feet to the N
580	0606777	NY PRESBARIAN HOSP	INT 70TH & YORK AVE ANNE	345 feet to the N
581	0603806	MANHOLE#TM4375	444 EAST 68TH ST/YORK AVE	365 feet to the NW
582	0600344	VAULT 6323 NOT 2810	417 E 68 STREET AT YORK AVENUE	387 feet to the NNW
583	0711094	PRIVATE HOME- APT 240	504 EAST 63RD ST	392 feet to the SW
584	0610596	ONE PT IN MANHOLE #M59549	EAST 64 STREET & YORK AVENUE	447 feet to the WSW
585	0809548	PARKING GARAGE	1305 YORK AVE	496 feet to the N
586	0501694	VAULT #1370	EAST 63 ST AND YORK AVE	504 feet to the WSW
587	0004413	MANHOLE 57123	YORK AVE - EAST 63RD ST	504 feet to the WSW
588	8404000	E 70TH ST/YORK AVE	E 70TH ST/YORK AVE	556 feet to the N
589	9200825	1175 YORK AVE BET 63 & 64	1175 YORK AVE	569 feet to the WSW
590	9200820	1175 YORK AVE/HESS	1175 YORK AVE/HESS	569 feet to the WSW
591	0100211		1175 YORK AVE	569 feet to the WSW
592	9306288	BETWEEN 70 & 72 STREETS	BET 70TH & 72ND ST FDR DR	781 feet to the NNE
593	8701736	FDR DRIVE / EAST 61ST STR	FDR DRIVE / E. 61ST ST.	798 feet to the SW
594	9501872	NEW YORK HOSPITAL	71ST ST / YORK AVE	813 feet to the N
595	0305327		1161 YORK AVE	823 feet to the WSW
596	0010722		450 EAST 63RD ST	823 feet to the WSW
597	0602081	FLUSH TRUCK	1154 1ST AVE	1078 feet to the W
598	9309571	72ND ST & YORK AVENUE	72ND ST / YORK AVENUE	1099 feet to the N
599	0104598	MANHOLE #61861	E 72ND ST/YORK AVE	1099 feet to the N
			Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile	

600	8902575	QUEENSBOROUGH BRIDGE	QUEENSBOROUGH BRIDGE	1111 feet to the SW
601	9308954	FEEDER 38M03	1ST AVE & E71ST ST	1112 feet to the NNW
602	0806455	1330 1ST AVE	1330 1ST AVE	1142 feet to the NNW
603	8810171	1ST AVE & E 63RD ST	1ST AVE & E 63RD ST	1185 feet to the W
604	9602679	MANHOLE 7293	72ND ST & 1ST ST	1335 feet to the N
605	0700300	OIL FOUND IN MANHOLE # 60636	ON YORK AVENUE NEAR 73 STREET	1383 feet to the N
606	0103381	VAULT #5525	FRONT OF 354-356 E 77ND	1416 feet to the NNW
607	0011237		355 EAST 72ND ST	1479 feet to the NNW
608	9913369	MANHATTAN EAST 08A DOS -DDC	545 EAST 73RD STREET	1508 feet to the NNE
609	9805769	MANHATTAN 8 GARAGE	543 EAST 73RD STREET	1508 feet to the NNE
610	8702721	EAST 69TH / 2ND AVENUE /	69TH & 2ND AVE.	1537 feet to the NW
611	0301305	E 74TH ST GEN STATION	506 E 74TH STREET	1571 feet to the NNE
612	9705142	74TH ST STATION	506 EAST 75TH STREET	1781 feet to the NNE
613	9506204	74TH ST SUBSTATION	506 EAST 75TH STREET	1781 feet to the NNE
614	9310354	506 E.75TH ST	506 E.75TH ST	1781 feet to the NNE
615	0809486	CON ED 74TH ST GENERATING STATION	506 EAST 75TH ST	1781 feet to the NNE
616	9312585	215 EAST 68TH ST.	215 EAST 68TH STREET	1788 feet to the NW
617	9913575	EAST 75TH ST SUB STATION	75TH ST	2033 feet to the NNE
618	0409379	EAST 75TH ST. SUB STATION	525 EAST 75TH STREET	2033 feet to the NNE
619	0002384	MANHATTAN EYE/EAR/THROAT	210 EAST 64TH ST	2162 feet to the WNW
620	9714121	GOLDWATER MEMORIAL HOSP	1 MAIN ST	2188 feet to the S
621	9704152	GOLDWATER MEMORIAL HOSPIT	1 MAIN STREET	2188 feet to the S
622	1100745	GOLDWATER MEM HOSP	1 MAIN ST	2188 feet to the S
623	9814531		67TH ST / 3RD AVE	2223 feet to the NW
624	9113340	QUEENSBORO BRIDGE	QUEENSBORO BRIDGE	2369 feet to the SSE
625	9105506	59TH ST BRIDGE	59TH ST BRIDGE	2369 feet to the SSE
626	9909395	KEYSPAN RAVENSWOOD GT	VERNON BLVD	2503 feet to the ESE
627	9909003	RAVENSWOOD GENERATING STA	3854 VERNON BLVD.	2503 feet to the ESE
628	9908459	RAVENWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
629	9908456	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
630	9806076	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE
631	9713869	RIVER	38-54 VERNON BL	2503 feet to the ESE
632	9712094	WATER	38-54 VERNON BL	2503 feet to the ESE
633	9709357	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
634	9708177	RAVENSWOOD GENERATION	40TH AVE/BRENNAN BLVD	2503 feet to the ESE
635	9703544	RAVENWOOD GENERATING STAT	38-54 VERNON BOULEVARD	2503 feet to the ESE
636	9701205	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
637	9508444	RAVENSWOOD GEN STATION	37TH STREET & VERNON BLVD	2503 feet to the ESE
638	9502158	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE
639	9415130	RAVENSWOOD STA.	38-54 VERNON BOULEVARD	2503 feet to the ESE
640	9411976	CON EDISON-RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE
641	9404996	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
642	9306563	RAVENSWOOD FACILITY	38-54 VERNON BOULEVARD	2503 feet to the ESE
643	9103765	38-54 VERNON BLVD/CONED	38-54 VERNON BOULEVARD	2503 feet to the ESE
644	8905773	RAVENWOOD/QUEENS/CON ED	RAVENWOOD FACILITY/LIC	2503 feet to the ESE
645	8905144	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
646	1107869	**DRILL**DRILL**TRANSCANADA POWER PLANT	38-54 VERNON BLVD	2503 feet to the ESE
647	0912405	RAVENSWOOD GEN STATION	38-54 VERNON BLVD	2503 feet to the ESE
648	0900597	TRANS CANADA	3854 VERNON BLVD	2503 feet to the ESE
649	0900134	CON ED TUNNEL	RAVENSWOOD POWER PLANT ON VERNON BLVD	2503 feet to the ESE
650	0812939	TRANS CANADA POWER PLANT	3854 VERNON BLVD	2503 feet to the ESE
651	0604291	MANHOLE # 3637	AT KEYSPAN, INSIDE GATE AT	2503 feet to the ESE
652	0602335	RAVENS WOOD POWER STATION	3854 VERNON BLVD	2503 feet to the ESE

653	0513680	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
654	0509528	RAVENS WOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
655	0504119	MANHOLE #3637 - RAVENSWOOD GS	37TH AVE / VERNON BLVD	2503 feet to the ESE
656	0501593	RAVENSWOOD GENERATING STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
657	0500678	RAVENS WOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
658	0412751	RAVENSWOOD POWER STATION	38-54 VERNON BLVD	2503 feet to the ESE
659	0412373	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
660	0409102	VERNON SUBSTATION - PH 8	38-54 VERNON BLVD	2503 feet to the ESE
661	0312749	RAVENSWOOD POWER PLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE
662	0310548	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
663	0310307	RAVENSWOOD POWER STATION	3854 VERNON BLVD	2503 feet to the ESE
664	0308260	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
665	0301731	RAVENSWOOD GEN. STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE
666	0201035	RAVENWOODS POWER STATION	3854 VERNON BLVD	2503 feet to the ESE
667	0107709	RAVENSWOOD GEN STATION	3854 VERNON BOULEVARD	2503 feet to the ESE
668	0007918	RAVENSWOOD GENERATING	38-54 VERNON BOULEVARD	2503 feet to the ESE
669	9212141	19TH PRECT.BET.LEX.3 AVE	19TH PRECT.BET.LEX.3 AVE	2539 feet to the NW

Petroleum Bulk Storage Sites -- Total Sites - 17

MAP ID	FACILITY ID	FACILITY NAME
670	2-031682	THE ROCKEFELLER UNIVERSITY
671	2-044245	PHIPPS HOUSE
672	2-010820	NEW YORK PRESBYTERIAN HOSPITAL
673	2-610729	ZUCKERMAN RESEARCH CENTER
674	NY06610	MEMORIAL HOSPITAL
675	2-609522	WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY
676	2-610274	WCMC - WEILL GREENBERG CENTER
677	2-600766	STAHL YORK AVE CO
678	2-353531	PUBLIC SCHOOL 183 - MANHATTAN
679	2-056383	YORK RIVER HOUSE
680	2-611173	WEILL CORNELL MEDICAL COLLEGE - KIPS BAY
681	NY06984	MS BETTY WEG
682	2-402621	PHIPPS HOUSES
683	NY00697	424 EAST 66 ST CORP.
684	2-260355	424-426 EAST 66TH ST
685	2-311391	FANNIE KLIEN
686	2-601665	MEMORIAL SLOAN-KETTERING CANCER CENTER

Database searched at 1/8 MILE - ASTM required search distance: Property & Adjacent

FACILITY STREET	DISTANCE & DIRECTION
1230 YORK AVENUE	83 feet to the NNW*
445 E 68TH ST	253 feet to the NNW
525 EAST 68TH STREET	350 feet to the N
417 EAST 68TH STREET	381 feet to the NNW
417 E 68 ST	381 feet to the NNW
427 E. 69TH STREET	481 feet to the NNW
1305 YORK AVENUE	496 feet to the N
1221 YORK AVE	536 feet to the WNW
419 EAST 66TH STREET	546 feet to the NW
1175 YORK AVENUE	556 feet to the WSW
411 EAST 69TH STREET	587 feet to the NNW
428 E 66 ST	587 feet to the WNW
437 EAST 70TH STREET	600 feet to the N
426 E 66 ST	603 feet to the WNW
424-426 EAST 66TH ST	619 feet to the WNW
420 EAST 66 ST	644 feet to the WNW
425 EAST 68TH STREET	654 feet to the NW

Hazardous Waste Generators, Transporters -- Total Sites - 39

MAP ID	FACILITY ID	FACILITY NAME
687	NYP004169157	CONSOLIDATED EDISON
688	NYP004169140	CONSOLIDATED EDISON
689	NYD071037113	ROCKEFELLER UNIVERSITY
690	NY0071037113	ROCKEFELLER UNIVERSITY
691	NYP004160651	CONSOLIDATED EDISON
692	NYP004237644	CONSOLIDATED EDISON
693	NYD020396438	WEILL CORNELL MEDICAL COLLEGE
694	NYD068241132	NEW YORK HOSPITALNEW YORK PRESBYTERIAN HOSPITAL
695	NYP004200390	CONSOLIDATED EDISON
696	NYP004127569	CONSOLIDATED EDISON
697	NYP004128120	CONSOLIDATED EDISON
698	NYP004164109	CONSOLIDATED EDISON
699	NYD075265157	MEMORIAL SLOAN KETTERING CANCER CENTER

Database searched at 1/8 MILE - ASTM required search distance: Property & Adjacent

FACILITY STREET	DISTANCE & DIRECTION
EAST 68TH ST & YORK	56 feet to the NNW*
N/W/C E.68TH & YORK AVE	56 feet to the NNW*
1230 YORK AVENUE	129 feet to the NNW*
1230 YORK AVE	129 feet to the NNW*
E 67TH ST. & YORK AVE. MH 60023	140 feet to the NW*
F/O 1241 YORK AVE & N/O 66TH ST	221 feet to the NW
1300 YORK AVENUE	292 feet to the N
1300 YORK AVENUE	292 feet to the N
69TH ST & YORK AVE - MH 57127	295 feet to the N
MH57127-YORK AVE & 6998	295 feet to the N
MH57127-E 69TH ST & YORK AVE	295 feet to the N
C/O YORK AVE 22' S/O E 69 ST	295 feet to the N
1275 YORK AVE	338 feet to the NW

700	NYR000122846	MEMORIAL SLOAN KETTERING & NYC BLOOD CTR	1275 YORK AVE	338 feet to the NW
701	NYD072565157	MEMORIAL SLOAN KETTERING CANCER CENTER	1275 YORK AVE	338 feet to the NW
702	NYD077744597	SLOAN KETTERING MEMORIAL HOSPITAL	1275 YORK AVE	338 feet to the NW
703	NYP004168217	CONSOLIDATED EDISON	428 E 69TH ST	359 feet to the NNW
704	NYP004025607	CONSOLIDATED EDISON	MH57125 YORK & 66TH ST	389 feet to the WNW
705	NYD982719445	CONSOLIDATED EDISON	502 E 63TH ST	423 feet to the SW
706	NYP004147534	CONSOLIDATED EDISON	E 64TH STREET & YORK AVENUE	447 feet to the WSW
707	NYP004050241	CONSOLIDATED EDISON	64TH ST & YORK ST	447 feet to the WSW
708	NYP000964213	VERIZON LOG 38876	64TH & YORK AVE	447 feet to the WSW
709	NYP004174512	CONED	N/E/C E.65 STREET & YORK AVE	450 feet to the W
710	NYR000133033	MEMORIAL SLOAN KETTERING CENTER	415 E 68TH ST	456 feet to the NNW
711	NYP004024550	CONSOLIDATED EDISON CO	MH57122 YORK AVE E 63 ST	504 feet to the WSW
712	NYP004058806	CONSOLIDATED EDISON	MH57123-YORK & E 63RD ST	504 feet to the WSW
713	NYP004131348	CONSOLIDATED EDISON	E 63 ST & YORK AVE V1370	504 feet to the WSW
714	NYR000128223	NYS DOT D258876	FDR DR	513 feet to the SW
715	NYP004075446	CONSOLIDATED EDISON	MH513221-FDR DR & 70TH ST	518 feet to the NNE
716	NYP004108924	CON ED	E 70 ST & FDR DR MH60024	518 feet to the NNE
717	NYP004078481	CON EDISION - EXC10021	70TH ST & FDR 70TH ST & FDR	518 feet to the NNE
718	NYP004075446	CON EDISION - MH51384	70TH ST. AND E.RIVER DR. 70TH	518 feet to the NNE
719	NYP004200739	CON EDISON	405 E 68TH ST E OF 1ST AVE SB 1252	520 feet to the NNW
720	NYP004200465	CONSOLIDATED EDISON	405 EAST 68 STREET EAST OF FIR	520 feet to the NNW
721	NY0000902569	NEW YORK CITY B O E	PS-183	546 feet to the NW
722	NYP004043568	CONSOLIDATED EDISON	E 70TH ST & YORK AVE	556 feet to the N
723	NYP004144754	CONSOLIDATED EDISON	E 70 ST & YORK AVE MH48506	556 feet to the N
724	NYP004017539	CONSOLIDATED EDISON	MH8338-435 E65TH ST	628 feet to the WNW
725	NYD981561301	HOSPITAL FOR SPECIAL SURGERY	535 EAST 70TH STREET	650 feet to the NNE
Air Discharge Sites -- Total Sites - 2				
MAP ID	FACILITY ID	FACILITY NAME	Database searched at 1/8 MILE - Non-ASTM Database	DISTANCE & DIRECTION
726	36061N0100	ROCKEFELLER UNIVERSITY	FACILITY STREET	97 feet to the NNW*
727	36061N1117	NEW YORK- PRESBYTERIAN HOSPITAL	1230 YORK AVENUE	336 feet to the N
			525 EAST 68TH STREET	
Civil & Administrative Enforcement Docket Sites -- Total Sites - 1				
MAP ID	FACILITY ID	FACILITY NAME	Database searched at 1/8 MILE - Non-ASTM Database	DISTANCE & DIRECTION
728	NYD068241132	NEW YORK HOSPITAL THE	FACILITY STREET	339 feet to the N
			525 E 68TH ST	
NYC Env. Quality Review - Env. Designation Sites -- Total Sites - 1				
MAP ID	FACILITY ID	FACILITY NAME	Database searched at 250 FT - ASTM required search distance: Onsite Only	DISTANCE & DIRECTION
729	E-105	BLOCK: 1463 LOT: 21	FACILITY STREET	240 feet to the NNW
			1273 YORK AVENUE	

Identified Toxic Sites by Proximity

Rockefeller Univ. Laboratory Building, New York, NY 10021

* Compass directions can vary substantially for sites located very close to the subject property address.

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
121		68TH ST / YORK AVE	56 feet to the NNW*	Closed Status Spill (Unk/Other Cause)
559	ON STREET	E. 68TH ST / YORK AVE	56 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
560	NY HOSPITAL COMPLEX	68TH STREET / YORK AVE	56 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
687	CONSOLIDATED EDISON	EAST 68TH ST & YORK	56 feet to the NNW*	Hazardous Waste Generator/Transporter
688	CONSOLIDATED EDISON	N/W/C E.68TH & YORK AVE	56 feet to the NNW*	Hazardous Waste Generator/Transporter
670	THE ROCKEFELLER UNIVERSITY	1230 YORK AVENUE	83 feet to the NNW*	Petroleum Bulk Storage Site
122	ROCKEFELLER UNIVERSITY	1188 YORK AVE	91 feet to the NNW*	Closed Status Spill (Unk/Other Cause)
561	VAULT Z2166	1188 YORK AVE	91 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
562	ROCKEFELLER UNIVERSITY	1230-52 YORK AVE	91 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
563	BOILER ROOM	1230 YORK AVE	91 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
564	POWER PLANT	1188 YORK AVE	91 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
565	ROCKEFELLER UNIV ENGINE R	1230 YORK AVE	91 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
566	ROCKEFELLER UNIVERSITY	1230 YORK AV	91 feet to the NNW*	Closed Status Spill (Misc. Spill Cause)
726	ROCKEFELLER UNIVERSITY	1230 YORK AVENUE	97 feet to the NNW*	Air Discharge Site
689	ROCKEFELLER UNIVERSITY	1230 YORK AVENUE	129 feet to the NNW*	Hazardous Waste Generator/Transporter
690	ROCKEFELLER UNIVERSITY	1230 YORK AVE	129 feet to the NNW*	Hazardous Waste Generator/Transporter
691	CONSOLIDATED EDISON	E 67TH ST. & YORK AVE. MH 60023	140 feet to the NW*	Hazardous Waste Generator/Transporter
567		440 E 67ND ST	199 feet to the NW*	Closed Status Spill (Misc. Spill Cause)
692	CONSOLIDATED EDISON	F/O 1241 YORK AVE & N/O 66TH ST	221 feet to the NW	Hazardous Waste Generator/Transporter
729	BLOCK: 1463 LOT: 21	1273 YORK AVENUE	240 feet to the NNW	NYC Env. Qual. Review-"E" Designation
671	PHIPPS HOUSE	445 E 68TH ST	253 feet to the NNW	Petroleum Bulk Storage Site
568	445 EAST 68TH STREET	445 EAST 68TH STREET	255 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
693	WEILL CORNELL MEDICAL COLLEGE	1300 YORK AVENUE	292 feet to the N	Hazardous Waste Generator/Transporter
694	NEW YORK HOSPITALNEW YORK PRESBYTERIAN HOSPITAL	1300 YORK AVENUE	292 feet to the N	Hazardous Waste Generator/Transporter
123	YORK AVE- SOUTH OF EAST 69TH ST	YORK AVE- SOUTH OF EAST 69TH ST	295 feet to the N	Closed Status Spill (Unk/Other Cause)
569	MANHOLE M57127	YORK AVE AND EAST 69TH STREET	295 feet to the N	Closed Status Spill (Misc. Spill Cause)
570	NYC TRANSIT	YORK AVE & 69TH STREET	295 feet to the N	Closed Status Spill (Misc. Spill Cause)
571	MANHOLE 57127	EAST 69TH/YORK AVE	295 feet to the N	Closed Status Spill (Misc. Spill Cause)
695	CONSOLIDATED EDISON	69TH ST & YORK AVE - MH 57127	295 feet to the N	Hazardous Waste Generator/Transporter
696	CONSOLIDATED EDISON	MH57127-YORK AVE & 6998	295 feet to the N	Hazardous Waste Generator/Transporter
697	CONSOLIDATED EDISON	MH57127-E 69TH ST & YORK AVE	295 feet to the N	Hazardous Waste Generator/Transporter
698	CONSOLIDATED EDISON	C/O YORK AVE 22' S/O E 69 ST	295 feet to the N	Hazardous Waste Generator/Transporter
572	VAULT ROOM	430 EAST 67TH STREET	324 feet to the NW	Closed Status Spill (Misc. Spill Cause)
573	IN FRONT OF	430 EAST 67TH ST	324 feet to the NW	Closed Status Spill (Misc. Spill Cause)
727	NEW YORK- PRESBYTERIAN HOSPITAL	525 EAST 68TH STREET	336 feet to the N	Air Discharge Site
699	MEMORIAL SLOAN KETTERING CANCER CENTER	1275 YORK AVE	338 feet to the NW	Hazardous Waste Generator/Transporter
700	MEMORIAL SLOAN KETTERING & NYC BLOOD CTR	1275 YORK AVE	338 feet to the NW	Hazardous Waste Generator/Transporter
701	MEMORIAL SLOAN KETTERING CANCER CENTER	1275 YORK AVE	338 feet to the NW	Hazardous Waste Generator/Transporter
702	SLOAN KETTERING MEMORIAL HOSPITAL	1275 YORK AVE	338 feet to the NW	Hazardous Waste Generator/Transporter
728	NEW YORK HOSPITAL THE	525 E 68TH ST	339 feet to the N	Civil & Admin. Enforcement Docket Site
124	525 EAST 68TH STREET	525 EAST 68TH STREET	345 feet to the N	Closed Status Spill (Unk/Other Cause)
574	NY HOSPITAL	5251 E.68TH ST	345 feet to the N	Closed Status Spill (Misc. Spill Cause)
575	525 E 68TH ST/NY HOSPITAL	525 EAST 68TH STREET	345 feet to the N	Closed Status Spill (Misc. Spill Cause)
576	EAST 71ST ST/NY HOSPITAL	EAST 71ST STREET	345 feet to the N	Closed Status Spill (Misc. Spill Cause)
577	CORNELL MEDICAL COLLEGE	1300 YORK AVE	345 feet to the N	Closed Status Spill (Misc. Spill Cause)

578	NY PRESBYTERIAN HOSPITAL	525 EAST 68TH ST	345 feet to the N	Closed Status Spill (Misc. Spill Cause)
579	NY PRES. HOSP	525 EAST 68	345 feet to the N	Closed Status Spill (Misc. Spill Cause)
580	NY PRESBATARIAN HOSP	INT 70TH & YORK AVE ANNE	345 feet to the N	Closed Status Spill (Misc. Spill Cause)
672	NEW YORK PRESBYTERIAN HOSPITAL	525 EAST 68TH STREET	350 feet to the N	Petroleum Bulk Storage Site
703	CONSOLIDATED EDISON	428 E 69TH ST	359 feet to the NNW	Hazardous Waste Generator/Transporter
581	MANHOLE#TM4375	444 EAST 68TH ST/YORK AVE	365 feet to the NW	Closed Status Spill (Misc. Spill Cause)
673	ZUCKERMAN RESEARCH CENTER	417 EAST 68TH STREET	381 feet to the NNW	Petroleum Bulk Storage Site
674	MEMORIAL HOSPITAL	417 E 68 ST	381 feet to the NNW	Petroleum Bulk Storage Site
582	VAULT 6323 NOT 2810	417 E 68 STREET AT YORK AVENUE	387 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
125		YORK AV @ EAST 66ND ST	389 feet to the WNW	Closed Status Spill (Unk/Other Cause)
704	CONSOLIDATED EDISON	MH57125 YORK & 66TH ST	389 feet to the WNW	Hazardous Waste Generator/Transporter
583	PRIVATE HOME- APT 240	504 EAST 63RD ST	392 feet to the SW	Closed Status Spill (Misc. Spill Cause)
126	MANHOLE #12655	436 E 69TH ST	395 feet to the NNW	Closed Status Spill (Unk/Other Cause)
705	CONSOLIDATED EDISON	502 E 63TH ST	423 feet to the SW	Hazardous Waste Generator/Transporter
584	ONE PT IN MANHOLE #M59549	EAST 64 STREET & YORK AVENUE	447 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
706	CONSOLIDATED EDISON	E 64TH STREET & YORK AVENUE	447 feet to the WSW	Hazardous Waste Generator/Transporter
707	CONSOLIDATED EDISON	64TH ST & YORK ST	447 feet to the WSW	Hazardous Waste Generator/Transporter
708	VERIZON LOG 38876	64TH & YORK AVE	447 feet to the WSW	Hazardous Waste Generator/Transporter
709	CONED	N/E/C E.65 STREET & YORK AVE	450 feet to the W	Hazardous Waste Generator/Transporter
710	MEMORIAL SLOAN KETTERING CENTER	415 E 68TH ST	456 feet to the NNW	Hazardous Waste Generator/Transporter
675	WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY	427 E. 69TH STREET	481 feet to the NNW	Petroleum Bulk Storage Site
585	PARKING GARAGE	1305 YORK AVE	496 feet to the N	Closed Status Spill (Misc. Spill Cause)
676	WCMC - WEILL GREENBERG CENTER	1305 YORK AVENUE	496 feet to the N	Petroleum Bulk Storage Site
586	VAULT #1370	EAST 63 ST AND YORK AVE	504 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
587	MANHOLE 57123	YORK AVE - EAST 63RD ST	504 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
711	CONSOLIDATED EDISON CO	MH57122 YORK AVE E 63 ST	504 feet to the WSW	Hazardous Waste Generator/Transporter
712	CONSOLIDATED EDISON	MH57123-YORK & E 63RD ST	504 feet to the WSW	Hazardous Waste Generator/Transporter
713	CONSOLIDATED EDISON	E 63 ST & YORK AVE V1370	504 feet to the WSW	Hazardous Waste Generator/Transporter
714	NYS DOT D258876	FDR DR	513 feet to the SW	Hazardous Waste Generator/Transporter
127	70TH ST IN EAST RIVER	70TH ST IN EAST RIVER	518 feet to the NNE	Closed Status Spill (Unk/Other Cause)
715	CONSOLIDATED EDISON	MH513221-FDR DR & 70TH ST	518 feet to the NNE	Hazardous Waste Generator/Transporter
716	CON ED	E 70 ST & FDR DR MH60024	518 feet to the NNE	Hazardous Waste Generator/Transporter
717	CON EDISION - EXC10021	70TH ST & FDR 70TH ST & FDR	518 feet to the NNE	Hazardous Waste Generator/Transporter
718	CON EDISION - MH51384	70TH ST. AND E.RIVER DR. 70TH	518 feet to the NNE	Hazardous Waste Generator/Transporter
719	CON EDISON	405 E 68TH ST E OF 1ST AVE SB 1252	520 feet to the NNW	Hazardous Waste Generator/Transporter
720	CONSOLIDATED EDISON	405 EAST 68 STREET EAST OF FIR	520 feet to the NNW	Hazardous Waste Generator/Transporter
677	STAHL YORK AVE CO	1221 YORK AVE	536 feet to the WNW	Petroleum Bulk Storage Site
678	PUBLIC SCHOOL 183 - MANHATTAN	419 EAST 66TH STREET	546 feet to the NW	Petroleum Bulk Storage Site
721	NEW YORK CITY B O E	PS-183	546 feet to the NW	Hazardous Waste Generator/Transporter
128	70TH ST &	YORK AV	556 feet to the N	Closed Status Spill (Unk/Other Cause)
129	ASBESTOS FOUND IN EXCAVATION	EAST 70 STREET AND YORK AVENUE	556 feet to the N	Closed Status Spill (Unk/Other Cause)
588	E 70TH ST/YORK AVE	E 70TH ST/YORK AVE	556 feet to the N	Closed Status Spill (Misc. Spill Cause)
679	YORK RIVER HOUSE	1175 YORK AVENUE	556 feet to the WSW	Petroleum Bulk Storage Site
722	CONSOLIDATED EDISON	E 70TH ST & YORK AVE	556 feet to the N	Hazardous Waste Generator/Transporter
723	CONSOLIDATED EDISON	E 70 ST & YORK AVE MH48506	556 feet to the N	Hazardous Waste Generator/Transporter
589	1175 YORK AVE BET 63 & 64	1175 YORK AVE	569 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
590	1175 YORK AVE/HESS	1175 YORK AVE/HESS	569 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
591		1175 YORK AVE	569 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
680	WEILL CORNELL MEDICAL COLLEGE - KIPS BAY	411 EAST 69TH STREET	587 feet to the NNW	Petroleum Bulk Storage Site
681	MS BETTY WEG	428 E 66 ST	587 feet to the WNW	Petroleum Bulk Storage Site
682	PHIPPS HOUSES	437 EAST 70TH STREET	600 feet to the N	Petroleum Bulk Storage Site
683	424 EAST 66 ST CORP.	426 E 66 ST	603 feet to the WNW	Petroleum Bulk Storage Site
684	424-426 EAST 66TH ST	424-426 EAST 66TH ST	619 feet to the WNW	Petroleum Bulk Storage Site

130	LASDEN HOUSE GARAGE	420 EAST 70TH STREET	628 feet to the NNW	Closed Status Spill (Unk/Other Cause)
724	CONSOLIDATED EDISON	MH8338-435 E65TH ST	628 feet to the WNW	Hazardous Waste Generator/Transporter
685	FANNIE KLIEN	420 EAST 66 ST	644 feet to the WNW	Petroleum Bulk Storage Site
725	HOSPITAL FOR SPECIAL SURGERY	535 EAST 70TH STREET	650 feet to the NNE	Hazardous Waste Generator/Transporter
686	MEMORIAL SLOAN-KETTERING CANCER CENTER	425 EAST 68TH STREET	654 feet to the NW	Petroleum Bulk Storage Site
131	400 EAST 68TH STREET	400 EAST 68TH STREET	655 feet to the NW	Closed Status Spill (Unk/Other Cause)
132	60TH ST NR PANAM HELIPORT	60TH ST NR PANAM HELIPORT	665 feet to the SW	Closed Status Spill (Unk/Other Cause)
133	SEWER DISCHARGE AT HELOPO	60TH ST. AND HELOPORT	665 feet to the SW	Closed Status Spill (Unk/Other Cause)
134	MANHOLE 48453	YORK AVE/E 62ND ST	670 feet to the WSW	Closed Status Spill (Unk/Other Cause)
135	220063; 409 E 69 ST	409 E 69 ST	676 feet to the NNW	Closed Status Spill (Unk/Other Cause)
136	NY PRES. HOSP	1320 YORK AVE	678 feet to the N	Closed Status Spill (Unk/Other Cause)
57	COLLEGIATE CHURCH	402 EAST 67TH STREET	691 feet to the NW	Closed Status Tank Failure
137	402 EAST 67TH STREET	402 EAST 67TH ST	691 feet to the NW	Closed Status Spill (Unk/Other Cause)
138	CONSTRUCTION SITE	400 EAST 67TH STREET	691 feet to the NW	Closed Status Spill (Unk/Other Cause)
139	214847; 535 E 70 ST	535 E 70 ST	706 feet to the NNE	Closed Status Spill (Unk/Other Cause)
58	512 EAST 71ST STREET	512 EAST 71ST STREET	711 feet to the NNE	Closed Status Tank Failure
140	218333; 1313-27 YORK AVE	1313-27 YORK AVE	721 feet to the N	Closed Status Spill (Unk/Other Cause)
141	VAULT	1313-27 YORK AVE	721 feet to the N	Closed Status Spill (Unk/Other Cause)
142	PILAR RES	410 EAST 65TH ST	754 feet to the W	Closed Status Spill (Unk/Other Cause)
143		1ST AV & E 68TH ST	761 feet to the NW	Closed Status Spill (Unk/Other Cause)
59	MOBIL S/S	1132 YORK AVENUE	768 feet to the SW	Closed Status Tank Failure
84	MOBIL GAS STATION	61 ST / 62 ST / YORK AVE	768 feet to the SW	Closed Status Tank Test Failure
85	MOBIL S/S	1132 YORK AVENUE	768 feet to the SW	Closed Status Tank Test Failure
86	MOBIL S/S	1132 YORK AVENUE	768 feet to the SW	Closed Status Tank Test Failure
144	FIRE HYDRANT	1132 YORK AVE EAST SIDE	768 feet to the SW	Closed Status Spill (Unk/Other Cause)
50	FDR DR & E 71ST ST	FDR DR / EAST 71ST ST	781 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
145	CORNELL MEDICAL CENTER	FDR DRIVE NEAR 71ST STREE	781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
146	EAST 71ST STREET & FDR DR	EAST 71ST ST / FDR DR	781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
147	MANHOLE - #2 PIPELINE	71 ST / FDR DRIVE	781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
148	FDR SERVICE RD	E 71ST ST	781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
149	MH 427	FDR DR/ 71ST ST	781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
592	BETWEEN 70 & 72 STREETS	BET 70TH & 72ND ST FDR DR	781 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
150		E 61ST ST/FDR DRIVE	798 feet to the SW	Closed Status Spill (Unk/Other Cause)
593	FDR DRIVE / EAST 61ST STR	FDR DRIVE / E. 61ST ST.	798 feet to the SW	Closed Status Spill (Misc. Spill Cause)
594	NEW YORK HOSPITAL	71ST ST / YORK AVE	813 feet to the N	Closed Status Spill (Misc. Spill Cause)
595		1161 YORK AVE	823 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
596		450 EAST 63RD ST	823 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
4	CE - YORK AVE STATION	YORK AVE. BETWEEN 61ST & 63RD STS.	840 feet to the WSW	Brownfields Site
151	E 66TH / 1ST AVE	E 66TH / 1ST AVE	856 feet to the WNW	Closed Status Spill (Unk/Other Cause)
87	MERCEDES DEALERSHIP	1133 YORK AVE	870 feet to the WSW	Closed Status Tank Test Failure
152	MANHOLE 48444	YORK AVE/E 61ST ST	881 feet to the SW	Closed Status Spill (Unk/Other Cause)
153	STREET	1239 1ST AVE	892 feet to the NW	Closed Status Spill (Unk/Other Cause)
154	E.71ST ST 1ST & YORK	E. 71ST ST BET 1ST & YORK	920 feet to the N	Closed Status Spill (Unk/Other Cause)
60	523 EAST 71ST STREET	523 EAST 71ST STREET	923 feet to the NNE	Closed Status Tank Failure
155	520 EAST 72ND ST/MANH	520 EAST 72ND STREET	923 feet to the NNE	Closed Status Spill (Unk/Other Cause)
156		517 EAST 71ST ST	923 feet to the NNE	Closed Status Spill (Unk/Other Cause)
157		520 E. 72ND ST	923 feet to the NNE	Closed Status Spill (Unk/Other Cause)
9	LEAKING UST ABANDONED IN PLACE	400 EAST 71ST STREET	934 feet to the NNW	Active Tank Test Failure
158	400 EAST 71ST ST / MAN	400 E.71ST ST	934 feet to the NNW	Closed Status Spill (Unk/Other Cause)
159	MULTIPLE DWELLING	401 EAST 70 ST-OFF 1ST AV	934 feet to the NNW	Closed Status Spill (Unk/Other Cause)
160	206494; YORK AVE	YORK AVE	955 feet to the N	Closed Status Spill (Unk/Other Cause)
161	SERVICE BOX 12406	342 EAST 67TH ST	962 feet to the NW	Closed Status Spill (Unk/Other Cause)
88	1339 YORK AVE/MANHATTAN	1339 YORK AVE	976 feet to the N	Closed Status Tank Test Failure

89	MARY MANNING NURSING HOME	1339 YORK AVE	976 feet to the N	Closed Status Tank Test Failure
162	402 E 64TH ST	402 E 64TH ST	1001 feet to the W	Closed Status Spill (Unk/Other Cause)
90	COMMERCIAL BLDG	420 EAST 62ND ST	1022 feet to the WSW	Closed Status Tank Test Failure
163	EXCAVATION SITE	426 EAST 62ND ST	1022 feet to the WSW	Closed Status Spill (Unk/Other Cause)
164	VAULT 9139	531 MAIN STREET	1026 feet to the ESE	Closed Status Spill (Unk/Other Cause)
165	VAULT 8984	555 MAIN STREET	1035 feet to the E	Closed Status Spill (Unk/Other Cause)
91	APARTMENT BLDG	333 EAST 66TH ST	1037 feet to the WNW	Closed Status Tank Test Failure
92	APARTMENT	333 EAST 66TH STREET	1037 feet to the WNW	Closed Status Tank Test Failure
166	EXCAVATION SITE	333 E 66TH ST	1037 feet to the WNW	Closed Status Spill (Unk/Other Cause)
5	1113 YORK AVE.	1113 YORK AVENUE	1045 feet to the SW	Brownfields Site
167	EAST RIVER E. 72ND STREE	EAST RIVER E. 72ND STREET	1064 feet to the NE	Closed Status Spill (Unk/Other Cause)
168	EAST RIVER/72ND ST&FDR DR	EAST RIVER / 72ND ST	1064 feet to the NE	Closed Status Spill (Unk/Other Cause)
597	FLUSH TRUCK	1154 1ST AVE	1078 feet to the W	Closed Status Spill (Misc. Spill Cause)
93	RESIDENCE	330 E 70TH ST	1096 feet to the NNW	Closed Status Tank Test Failure
169	MANHOLE 59969	YORK AVE & EAST 72ND ST	1099 feet to the N	Closed Status Spill (Unk/Other Cause)
170	MANHOLE #5590	EAST 72TH & YORK AVE	1099 feet to the N	Closed Status Spill (Unk/Other Cause)
171	MANHOLE 59969	YORK AV/EAST 72ND ST	1099 feet to the N	Closed Status Spill (Unk/Other Cause)
598	72ND ST & YORK AVENUE	72ND ST / YORK AVENUE	1099 feet to the N	Closed Status Spill (Misc. Spill Cause)
599	MANHOLE #61861	E 72ND ST/YORK AVE	1099 feet to the N	Closed Status Spill (Misc. Spill Cause)
172	345 EAST 65TH ST	345 EAST 65TH ST	1110 feet to the WNW	Closed Status Spill (Unk/Other Cause)
173	UNK	59TH ST BRIDGE	1111 feet to the SW	Closed Status Spill (Unk/Other Cause)
174	59TH ST BRIDGE	59TH ST BRIDGE	1111 feet to the SW	Closed Status Spill (Unk/Other Cause)
175	QUEENSBOROUGH BRIDGE	QUEENSBOROUGH BRIDGE	1111 feet to the SW	Closed Status Spill (Unk/Other Cause)
176	EAST RIVER	59TH ST BRIDGE	1111 feet to the SW	Closed Status Spill (Unk/Other Cause)
177	QUEENSBORO BRIDGE	EAST ROAD WAY	1111 feet to the SW	Closed Status Spill (Unk/Other Cause)
600	QUEENSBOROUGH BRIDGE	QUEENSBOROUGH BRIDGE	1111 feet to the SW	Closed Status Spill (Misc. Spill Cause)
178	206099; N/S E 71 50' E 1 AV	N/S E 71 50' E 1 AV	1112 feet to the NNW	Closed Status Spill (Unk/Other Cause)
179	1ST AVE & EAST 71ST STREET	1ST AVE & EAST 71ST STREET	1112 feet to the NNW	Closed Status Spill (Unk/Other Cause)
601	FEEDER 38M03	1ST AVE & E71ST ST	1112 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
180	60TH ST & YORK AVE	E 60TH ST & YORK AVE	1114 feet to the SW	Closed Status Spill (Unk/Other Cause)
181	VAULT #6577	E 60TH ST & YORK AV	1114 feet to the SW	Closed Status Spill (Unk/Other Cause)
182	AMERICAN PORT SERVICES	421 E 60TH ST	1131 feet to the WSW	Closed Status Spill (Unk/Other Cause)
183	PIPELINE	420 EAST 61ST STREET	1131 feet to the WSW	Closed Status Spill (Unk/Other Cause)
184	VACANT LOT	420 EAST 61ST STREET	1131 feet to the WSW	Closed Status Spill (Unk/Other Cause)
602	1330 1ST AVE	1330 1ST AVE	1142 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
185	407 EAST 61ST ST/CARRIAGE	407 EAST 61ST ST	1151 feet to the WSW	Closed Status Spill (Unk/Other Cause)
186	MANHOLE 59546	EAST 64TH ST AND 1ST AVE	1161 feet to the W	Closed Status Spill (Unk/Other Cause)
187	MH 12101	EAST 64TH ST/1ST AVE	1161 feet to the W	Closed Status Spill (Unk/Other Cause)
188		64TH ST / 1ST AV	1161 feet to the W	Closed Status Spill (Unk/Other Cause)
189		525 E. 72ND ST	1164 feet to the NNE	Closed Status Spill (Unk/Other Cause)
61	ROOSEVELT ISLAND OPER	591 MAIN ST	1166 feet to the ENE	Closed Status Tank Failure
190	400 E 62ND ST & 1ST AVE	400 E 62ND ST & 1ST AVE	1178 feet to the WSW	Closed Status Spill (Unk/Other Cause)
191	-NYCT	63RD ST/1ST AVE	1185 feet to the W	Closed Status Spill (Unk/Other Cause)
192	IFO DRY CLEANING BUSINESS	SW CORNER OF 63RD ST &1ST	1185 feet to the W	Closed Status Spill (Unk/Other Cause)
603	1ST AVE & E 63RD ST	1ST AVE & E 63RD ST	1185 feet to the W	Closed Status Spill (Misc. Spill Cause)
193	MERCURY FOUND IN TRENCH	EAST 60 ST STEAM GEN STATION	1216 feet to the SW	Closed Status Spill (Unk/Other Cause)
194	SERVICE BOX 13323	522 E. 73RD ST	1219 feet to the NNE	Closed Status Spill (Unk/Other Cause)
195	ODOR IN EXCAVATION	IN FRONT OF 413 EAST 72 STREET	1224 feet to the N	Closed Status Spill (Unk/Other Cause)
196		400/402 EAST 72ND ST	1232 feet to the N	Closed Status Spill (Unk/Other Cause)
94	APARTMENT COMPLEX	625 MAIN ST	1238 feet to the ENE	Closed Status Tank Test Failure
95	RESIDENCE	625 MAIN ST	1238 feet to the ENE	Closed Status Tank Test Failure
96	RESIDENCE	540 MAIN ST	1242 feet to the E	Closed Status Tank Test Failure
97	540 MAIN ST	540 MAIN STREET	1242 feet to the E	Closed Status Tank Test Failure

197	1ST AVE & 62ND ST/MANH	1ST AVE & 62ND STREET	1263 feet to the W	Closed Status Spill (Unk/Other Cause)
198	MANHOLE #53353	E 62 ST/1ST AVE	1263 feet to the W	Closed Status Spill (Unk/Other Cause)
199	EAST 60TH ST BETWEEN	1ST AVE AND YORK	1284 feet to the WSW	Closed Status Spill (Unk/Other Cause)
200	1ST STREET/YORK AVE	S SIDE E 60TH ST	1284 feet to the WSW	Closed Status Spill (Unk/Other Cause)
201	EXCAVATION SITE	EAST 60TH ST BETWEEN 1ST AND YORK AVE	1284 feet to the WSW	Closed Status Spill (Unk/Other Cause)
62	315 EAST 69TH STREET	315 EAST 69TH STREET	1285 feet to the NW	Closed Status Tank Failure
63	315 E 69TH ST	315 E 69TH ST	1285 feet to the NW	Closed Status Tank Failure
202		315 EAST 69TH SP APT. L-D	1285 feet to the NW	Closed Status Spill (Unk/Other Cause)
203	VAULT 7161	409-15 EAST 60TH ST	1285 feet to the WSW	Closed Status Spill (Unk/Other Cause)
204	FIRST AV BETW E61 & E62 S	1ST AVE / E 61ST	1314 feet to the WSW	Closed Status Spill (Unk/Other Cause)
205	360 E 72ND ST	360 E 72ND ST	1322 feet to the NNW	Closed Status Spill (Unk/Other Cause)
206	MARY MANNING SR. HOME	1339 1ST AVE.	1322 feet to the NNW	Closed Status Spill (Unk/Other Cause)
51	CON EDISON / MAN	EAST 73RD ST / FDR DR.	1323 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
207	MANHOLE 60445	FRANKLIN ROSEVELT DR/E 73	1323 feet to the NNE	Closed Status Spill (Unk/Other Cause)
208	WARDS ISLAND M-1	73RD ST & FDR DR	1323 feet to the NNE	Closed Status Spill (Unk/Other Cause)
209	ST TROPEZ CONDOMINIUMS	340 EAST 64TH STREET	1325 feet to the W	Closed Status Spill (Unk/Other Cause)
210	OPEN EXCAVATION	1ST AVE EAST 72ND ST	1335 feet to the N	Closed Status Spill (Unk/Other Cause)
211	FEEDER LEAK	72ND ST / 1ST AVE	1335 feet to the N	Closed Status Spill (Unk/Other Cause)
212	EXCAVATION SITW	72ND ST / 1ST AVE	1335 feet to the N	Closed Status Spill (Unk/Other Cause)
604	MANHOLE 7293	72ND ST & 1ST ST	1335 feet to the N	Closed Status Spill (Misc. Spill Cause)
213	MANHOLE #63553	YORK AV / 59TH ST	1356 feet to the SW	Closed Status Spill (Unk/Other Cause)
214	BUILDING	YORK AVE/ EAST 59TH ST	1356 feet to the SW	Closed Status Spill (Unk/Other Cause)
215	MANHOLE #48420	59TH ST & SUTTON PL	1356 feet to the SW	Closed Status Spill (Unk/Other Cause)
216	QUEENSBORO BRIDGE	BET. YORK & 1ST AV	1362 feet to the WSW	Closed Status Spill (Unk/Other Cause)
17	HERTZ	327 EAST 64TH STREET	1365 feet to the WNW	Active Haz Spill (Unknown/Other Cause)
217	MANHOLE #59596	327 EAST 64 STREET	1365 feet to the WNW	Closed Status Spill (Unk/Other Cause)
218	326 EAST 65TH ST	326 EAST 65TH ST	1383 feet to the WNW	Closed Status Spill (Unk/Other Cause)
219	MANHOLE #60636	YORK AVE/73RD ST	1383 feet to the N	Closed Status Spill (Unk/Other Cause)
220	DISTRIBUTION MANHOLE	E 73 RD ST & YORK AVE	1383 feet to the N	Closed Status Spill (Unk/Other Cause)
221	FEEDER 38M33	73RD ST & YORK AVE	1383 feet to the N	Closed Status Spill (Unk/Other Cause)
605	OIL FOUND IN MANHOLE # 60636	ON YORK AVENUE NEAR 73 STREET	1383 feet to the N	Closed Status Spill (Misc. Spill Cause)
64	FORMER PARKING GARAGE	1ST 1VE & 61ST ST	1388 feet to the WSW	Closed Status Tank Failure
222	MANHOLE 53349	EAST 61ST ST/FIRST AVE	1388 feet to the WSW	Closed Status Spill (Unk/Other Cause)
223	MANHOLE #53349	EAST 61ST & 1ST AV	1388 feet to the WSW	Closed Status Spill (Unk/Other Cause)
224	MAN HOLE 11737	E61ST ST/E OF 1ST AV	1388 feet to the WSW	Closed Status Spill (Unk/Other Cause)
225	1121 1ST AVE/MANH/GETTY	1121 1ST AVENUE	1400 feet to the WSW	Closed Status Spill (Unk/Other Cause)
226	APT BUILDING	315 EAST 68TH ST	1404 feet to the NW	Closed Status Spill (Unk/Other Cause)
227	GOODSTEIN MANAG. (CONDO)	315 EAST 68TH ST.	1404 feet to the NW	Closed Status Spill (Unk/Other Cause)
228	50 SUTTON PLACE	50 SUTTON PLACE	1406 feet to the SW	Closed Status Spill (Unk/Other Cause)
606	VAULT #5525	FRONT OF 354-356 E 77ND	1416 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
65		645 MAIN ST	1421 feet to the ENE	Closed Status Tank Failure
229	2ND AVE SUBWAY PROJECT -NYCT	64TH BETWEEN 1&2 AVE	1444 feet to the W	Closed Status Spill (Unk/Other Cause)
230	APARTMENT COMPLEX	IFO 355 E72ND ST	1451 feet to the NNW	Closed Status Spill (Unk/Other Cause)
66	GETTY SERVICE STATION	1102 FIRST AVE	1455 feet to the WSW	Closed Status Tank Failure
98	1102 -6 FIRST AVE/GETTY	1102 FIRST AVE	1455 feet to the WSW	Closed Status Tank Test Failure
231	1ST AVE & 60TH ST/GETTY	1ST AVE & 60TH ST	1455 feet to the WSW	Closed Status Spill (Unk/Other Cause)
232	GETTY SERVICE STATION	1102 FIRST AVE	1455 feet to the WSW	Closed Status Spill (Unk/Other Cause)
233	301 EAST 69TH ST	301 EAST 69TH ST	1460 feet to the NW	Closed Status Spill (Unk/Other Cause)
67		351 EAST 61ST ST	1462 feet to the W	Closed Status Tank Failure
234		355 EAST 72ND ST	1479 feet to the NNW	Closed Status Spill (Unk/Other Cause)
235		355 EAST 72ND ST	1479 feet to the NNW	Closed Status Spill (Unk/Other Cause)
236		355 E 72ND STREET	1479 feet to the NNW	Closed Status Spill (Unk/Other Cause)
237		355 EAST 72ND ST	1479 feet to the NNW	Closed Status Spill (Unk/Other Cause)

607		355 EAST 72ND ST	1479 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
238	EAST RIVER	BETWEEN 73RD & 74TH ST.	1481 feet to the NE	Closed Status Spill (Unk/Other Cause)
239	VS1492	1260 2ND AVE	1492 feet to the WNW	Closed Status Spill (Unk/Other Cause)
240	216982; 1260 2 AVE AND 66 ST	1260 2 AVE AND 66 ST	1492 feet to the WNW	Closed Status Spill (Unk/Other Cause)
241	209515; E E 59 ST ST	E E 59 ST ST	1503 feet to the SW	Closed Status Spill (Unk/Other Cause)
10	MANHATTAN 5, 8, 8A GARAGE DPR -DDC	545 EAST 73RD STREET	1508 feet to the NNE	Active Tank Test Failure
68	MANHATTAN EAST 05,08 ,08A DOS -DDC	545 EAST 73RD STREET	1508 feet to the NNE	Closed Status Tank Failure
99	MANHATTAN EAST 05,08,08A DOS -DDC	545 EAST 73RD STREET	1508 feet to the NNE	Closed Status Tank Test Failure
100	MANHATTAN EAST 05,08,08A DOS -DDC	545 EAST 73RD STREET	1508 feet to the NNE	Closed Status Tank Test Failure
101	NYCDOS MANH E. 5, 8 & 8A -DDC	545 EAST 73RD STREET	1508 feet to the NNE	Closed Status Tank Test Failure
608	MANHATTAN EAST 08A DOS -DDC	545 EAST 73RD STREET	1508 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
609	MANHATTAN 8 GARAGE	543 EAST 73RD STREET	1508 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
242	MANHOLE #54570	68TH ST & 2ND AV	1510 feet to the NW	Closed Status Spill (Unk/Other Cause)
243	MANHOLE 54570	E68TH ST/2ND AV	1510 feet to the NW	Closed Status Spill (Unk/Other Cause)
244	2ND AVE SUBWAY PROJECT	2ND AVE/ 67TH STREET	1516 feet to the NW	Closed Status Spill (Unk/Other Cause)
245	BETWEEN 1ST & 2ND AVE	306 E 71 ST	1520 feet to the NNW	Closed Status Spill (Unk/Other Cause)
246	APARTMENT BLDG	346 E 62ND ST	1524 feet to the W	Closed Status Spill (Unk/Other Cause)
247	CON ED	330 EAST 63RD ST	1531 feet to the W	Closed Status Spill (Unk/Other Cause)
248	2 AVE SUBWAY PROJECT	69TH AND 2ND AVE	1537 feet to the NW	Closed Status Spill (Unk/Other Cause)
610	EAST 69TH / 2ND AVENUE /	69TH & 2ND AVE.	1537 feet to the NW	Closed Status Spill (Misc. Spill Cause)
11	TANK TTF	311 EAST 71ST STREET	1539 feet to the NNW	Active Tank Test Failure
69	APARTMENT	311 EAST 71 STREET	1539 feet to the NNW	Closed Status Tank Failure
102	APARTMENT BLDG	311 EAST 71ST ST	1539 feet to the NNW	Closed Status Tank Test Failure
249	APARTMENT COMPLEX	353 72ND STREET	1539 feet to the NNW	Closed Status Spill (Unk/Other Cause)
250	1 AVE BET 58ND & 62ND ST	1 AVE. BET 58TH & 62ND ST	1546 feet to the WSW	Closed Status Spill (Unk/Other Cause)
251	STEAM MAIN	EAST 60TH AT 1ST AVE	1546 feet to the WSW	Closed Status Spill (Unk/Other Cause)
252	MANHOLE #58563	EAST 60TH ST/1ST AVE	1546 feet to the WSW	Closed Status Spill (Unk/Other Cause)
253	281 MAIN STREET	281 MAIN STREET	1548 feet to the S	Closed Status Spill (Unk/Other Cause)
254	PRIVATE DWELLING	512 EAST 74TH STREET	1551 feet to the NNE	Closed Status Spill (Unk/Other Cause)
255	213285; 508 E 74 ST	508 E 74 ST	1564 feet to the NNE	Closed Status Spill (Unk/Other Cause)
256	213281; 508 E 74 ST	508 E 74 ST	1564 feet to the NNE	Closed Status Spill (Unk/Other Cause)
257	CON EDISON EAST 74 GENERATING STATION	506 EAST 74 TH ST	1571 feet to the NNE	Closed Status Spill (Unk/Other Cause)
611	E 74TH ST GEN STATION	506 E 74TH STREET	1571 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
258	CORNER OF 1ST AVE AND	EAST 73RD STREET	1578 feet to the N	Closed Status Spill (Unk/Other Cause)
18	260 EAST 67TH ST	260 E. 67TH ST	1589 feet to the NW	Active Haz Spill (Unknown/Other Cause)
259	ON BLUESTONE	E 63RD ST SUBSTATION	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
260	EAST 63RD SUBSTATION	321 E 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
261	MANHOLE 59734	EAST 63RD ST SUBSTATION	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
262	EAST 63RD ST SUBSTATION	321 E 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
263	CAPACITOR BANK #1	E. 63RD ST SUB - 321 E63R	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
264	EAST 63 RD SUBSTATION	321 EAST 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
265	63 ST SUBSTATION	321 EAST 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
266	EAST 63RD ST SUNSTATION	321 EAST 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
267	E63RD ST SUBSTATION - MH00001	321 E 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
268	SUBSTAION	321 EAST 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
269	EAST 63RD ST SUBSTATION	321 EAST 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
270	63RD STREET SUB STATION	321 EAST 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
271	63RD STREET SUB-STATION	321 EAST 63RD STREET	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
272	VAULT 5	321 E.63RD ST SUBSTATION	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
273	E 63RD ST SUB STATION	321 E 63RD ST	1605 feet to the W	Closed Status Spill (Unk/Other Cause)
274	E 70TH ST & 2ND AVE	E 70TH ST & 2ND AVE	1608 feet to the NW	Closed Status Spill (Unk/Other Cause)
275	208608; E 70 ST	E 70 ST	1608 feet to the NW	Closed Status Spill (Unk/Other Cause)
70	APT BUILDING "	320 E. 72ND ST	1613 feet to the NNW	Closed Status Tank Failure

71	MANHATTAN EAST 08B DOS -DDC	350 EAST 60TH STREET	1618 feet to the WSW	Closed Status Tank Failure
103	350 EAST 60TH STREET	350 EAST 60TH STREET	1618 feet to the WSW	Closed Status Tank Test Failure
276	74TH ST & FDR DRIVE	74TH ST / FDR DRIVE	1619 feet to the NE	Closed Status Spill (Unk/Other Cause)
277	74TH ST & FDR DRIVE	74TH ST FDR DRIVE	1619 feet to the NE	Closed Status Spill (Unk/Other Cause)
278	218061; FDR W RDWAY AND 74TH ST	FDR W RDWAY AND 74TH ST	1619 feet to the NE	Closed Status Spill (Unk/Other Cause)
279	EAST RIVER	EAST RIVER I/A/O EAST 74TH ST	1619 feet to the NE	Closed Status Spill (Unk/Other Cause)
280	21 SUTTON PLACE	21 SUTTON PLACE	1622 feet to the SW	Closed Status Spill (Unk/Other Cause)
281	410 EAST 74TH ST	410 EAST 74TH ST	1636 feet to the N	Closed Status Spill (Unk/Other Cause)
282	525 E 74TH ST	525 E 74TH ST	1644 feet to the NNE	Closed Status Spill (Unk/Other Cause)
283	CON ED	INTERSECTION EAST 65TH AND 2ND AVE	1646 feet to the WNW	Closed Status Spill (Unk/Other Cause)
19	74TH ST GENERATING STATION	74TH ST AND YORK AVE	1647 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
284	74TH ST & YORK AVE	74TH ST & YORK AVE	1647 feet to the NNE	Closed Status Spill (Unk/Other Cause)
285	217975; E 74 ST AND YORK AVE	E 74 ST AND YORK AVE	1647 feet to the NNE	Closed Status Spill (Unk/Other Cause)
286	213222; E. 74 ST AND YORK AVE.	E. 74 ST AND YORK AVE.	1647 feet to the NNE	Closed Status Spill (Unk/Other Cause)
287	VAULT #3946	EAST 74TH AT YORK AVE	1647 feet to the NNE	Closed Status Spill (Unk/Other Cause)
288	VAULT 3946	EAST 74TH ST	1647 feet to the NNE	Closed Status Spill (Unk/Other Cause)
104	APARTMENT HOUSE	265 E.66TH ST	1685 feet to the WNW	Closed Status Tank Test Failure
105	CLOSED-LACKOF RECENT INFO	20 SUTTON PLACE	1710 feet to the SW	Closed Status Tank Test Failure
289	234 E. 70TH STREET	234 E. 70TH ST	1721 feet to the NW	Closed Status Spill (Unk/Other Cause)
290	213058; E 59 ST AND 1 AVE	E 59 ST AND 1 AVE	1725 feet to the WSW	Closed Status Spill (Unk/Other Cause)
291	MANHOLE # 58743	EAST 59 ST/ 1ST AVE	1725 feet to the WSW	Closed Status Spill (Unk/Other Cause)
292	SHAFT #33B	1ST AVE & 59TH STREET	1725 feet to the WSW	Closed Status Spill (Unk/Other Cause)
293	MANHOLE 58743	EAST 59TH ST/FIRST AV	1725 feet to the WSW	Closed Status Spill (Unk/Other Cause)
12	CHURCH OF THE EPIPHANY	1393 YORK AVE	1738 feet to the N	Active Tank Test Failure
294	CHURCH OF THE EPIPHANY	1393 YORK AV	1738 feet to the N	Closed Status Spill (Unk/Other Cause)
295	1231 2ND AVE	1231 2ND AVE	1744 feet to the WNW	Closed Status Spill (Unk/Other Cause)
296	345 EAST 73RD ST	345 EAST 73RD ST	1758 feet to the N	Closed Status Spill (Unk/Other Cause)
297	MANHOLE #65410	EAST 64 STREET & 2 AVE	1765 feet to the WNW	Closed Status Spill (Unk/Other Cause)
298	MANHOLE 65410	EAST 64 ST/2ND AVE	1765 feet to the WNW	Closed Status Spill (Unk/Other Cause)
299	MANHOLE 62669	300 EAST 63RD ST	1772 feet to the W	Closed Status Spill (Unk/Other Cause)
300	1402 YORK AVENUE	1402 YORK AVENUE	1774 feet to the NNE	Closed Status Spill (Unk/Other Cause)
20	CON ED 74TH GEN ST	506 EAST 75TH ST	1781 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
21	74 ST GEN STATION. BASEMENT TRENCH	506 EAST 75 STREET	1781 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
22	E 74 ST GENERATING STATION	506 EAST 75 STREET	1781 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
23	EAST 74 STREET GENERATING STATION	506 EAST 75 STREET	1781 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
72	75TH ST SUBSTATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Tank Failure
301	74TH ST GEN STATION	E75TH ST & EAST RIVER	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
302	E74TH ST GENERATING STA.	3RD FLOOR BAY	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
303	74 TH ST GEN. STATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
304	GENERATING STATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
305	74TH ST SUBSTATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
306	74TH ST GENERATING STA.	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
307	506 EAST 75RD STREET	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
308	CON-ED - 74TH ST GEN. STA	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
309	CON-ED - 74TH ST GEN. STA	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
310	74TH ST GEN STATION	74TH ST & YORK AVE	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
311	74TH ST GEN STATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
312	74TH STREET STA.	74TH STREET STA.	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
313	74TH ST. GEN. STATION	506 E 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
314	CON ED FACILITY	75TH ST. & YORK AVE	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
315	IN TAKE TUNEL EMIS 217705	506 EAST 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
316	CON ED 74TH ST GEN STATION	506 EAST 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
317	74TH ST GENERATING STATION	506 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)

318	CON ED 74TH ST GEN STATION	506 EAST 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
319	74TH STREET GEN STATION	506 EAST 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
320	74TH ST GENERATING STATION	506 EAST 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
321	CONED GEN-STATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
322	CONED TUNNEL	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
323	SHEEN IN DISCHARGE TUNNEL	506 EAST 75 STREET. GEN STATION	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
324	74 ST STEAM STATION. LUBE OIL, 1 GAL	506 EAST 75 STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
325	74 ST GEN STATION. BASEMENT TRENCH	506 EAST 75 STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
326	SHEEN IN EAST RIVER FROM BOILER	506 EAST 75 ST. 74 ST GEN STATION	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
327	74 ST STEAM GENERATING STATION	506 EAST 75 STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
328	EAST RIVER	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
329	74 ST GENERATING STATION	506 EAST 75 STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
330	#6 FO FOUND IN RETIRED MOAT AT DOCK	74 ST & YORK AVE. GENERATING STATION	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
331		506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
332	74TH ST GENERATING STAT	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
333		506 E 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
334	74TH ST GENERATING STA	74TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
335	74TH ST GENERATING STAT	506 75TH ST	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
336	74TH ST GENERATING STATIO	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
337	74TH ST GENERATING STATIO	74TH ST GENERATING STATION	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
338	74TH ST GEN.STATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
339	74TH ST GENERATING STATIO	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
340	74TH ST GENERATING STAT.	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Unk/Other Cause)
612	74TH ST STATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
613	74TH ST SUBSTATION	506 EAST 75TH STREET	1781 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
614	506 E.75TH ST	506 E.75TH ST	1781 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
615	CON ED 74TH ST GENERATING STATION	506 EAST 75TH ST	1781 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
106	301 EAST 63RD STREET	301 EAST 63RD STREET	1785 feet to the W	Closed Status Tank Test Failure
107	TOOST CONTROL CORP.	301 EAST 63RD ST	1785 feet to the W	Closed Status Tank Test Failure
341		215 E 68TH ST	1788 feet to the NW	Closed Status Spill (Unk/Other Cause)
616	215 EAST 68TH ST.	215 EAST 68TH STREET	1788 feet to the NW	Closed Status Spill (Misc. Spill Cause)
342	MANHOLE #11600	323 EAST 60 ST	1795 feet to the WSW	Closed Status Spill (Unk/Other Cause)
108	401 EAST 58TH STREET	401 EAST 58TH STREET	1811 feet to the WSW	Closed Status Tank Test Failure
343	211382; 1ST AVENUE AND E 74 STREET	1ST AVENUE AND E 74 STREET	1813 feet to the N	Closed Status Spill (Unk/Other Cause)
344	EAST 74TH ST GENERATING S	E 74TH ST/ 1ST AVE	1813 feet to the N	Closed Status Spill (Unk/Other Cause)
345	REGULATOR 02A	74TH ST AND 1ST AV	1813 feet to the N	Closed Status Spill (Unk/Other Cause)
346	225 EAST 70TH ST	225 EAST 70TH ST	1814 feet to the NW	Closed Status Spill (Unk/Other Cause)
347	MULTI-DWELLING	225 EAST 70TH ST	1814 feet to the NW	Closed Status Spill (Unk/Other Cause)
348	BOHEMIAN NAT'L HALL	321 E.73RD ST	1833 feet to the NNW	Closed Status Spill (Unk/Other Cause)
109	442 EAST 75TH STREET	442 E 75TH ST	1845 feet to the N	Closed Status Tank Test Failure
349		440 EAST 75TH ST	1848 feet to the N	Closed Status Spill (Unk/Other Cause)
73	340 EAST 74TH STREET	340 EAST 74TH STREET	1857 feet to the N	Closed Status Tank Failure
350	MANHOLE 40	EAST 72ND ST/2ND AVE	1866 feet to the NNW	Closed Status Spill (Unk/Other Cause)
24	VAULT 1611	EAST 75TH ST AND FDR DR	1883 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
74	345 EAST 59TH ST	345 E. 59TH ST-DOT GARAGE	1889 feet to the WSW	Closed Status Tank Failure
351		228 EAST 68TH ST	1904 feet to the NW	Closed Status Spill (Unk/Other Cause)
352	MANHOLE #58511	E 63RD ST / 2ND AVE	1911 feet to the W	Closed Status Spill (Unk/Other Cause)
353	217495; E 75 ST AND YORK AVE	E 75 ST AND YORK AVE	1912 feet to the NNE	Closed Status Spill (Unk/Other Cause)
354	216923; E 75 ST AND YORK AVE	E 75 ST AND YORK AVE	1912 feet to the NNE	Closed Status Spill (Unk/Other Cause)
355	214146; E 75 ST AND YORK AVE	E 75 ST AND YORK AVE	1912 feet to the NNE	Closed Status Spill (Unk/Other Cause)
356	MANHOLE #60161	E 75TH ST & YORK AVE	1912 feet to the NNE	Closed Status Spill (Unk/Other Cause)
357	OIL ENTERING EAST WALL OF MH 61165	EAST 75 STREET & YORK AVENUE	1912 feet to the NNE	Closed Status Spill (Unk/Other Cause)
358	BLACK CLAY SUBSTANCE IN EXCAVATION	75TH STREET EAST OF YORK	1912 feet to the NNE	Closed Status Spill (Unk/Other Cause)

110	311 EAST 73RD STREET	311 EAST 73RD STREET	1928 feet to the NNW	Closed Status Tank Test Failure
359	VAULT 4011	58 STREET AND 1 AVENUE	1930 feet to the WSW	Closed Status Spill (Unk/Other Cause)
360	MANHOLE 59481	1ST AV/EAST 58TH ST	1930 feet to the WSW	Closed Status Spill (Unk/Other Cause)
361	COMMERCIAL	11 - 66 2ND AVE	1938 feet to the W	Closed Status Spill (Unk/Other Cause)
111	APRT	343 EAST 74TH STREET	1951 feet to the N	Closed Status Tank Test Failure
75	222 EAST 68TH ST.	222 EAST 68TH ST.	1958 feet to the NW	Closed Status Tank Failure
112	APT BUILDING	328 EAST 74TH ST	1961 feet to the NNW	Closed Status Tank Test Failure
362	214286; E 62 ST AND 2ND AVE	E 62 ST AND 2ND AVE	1974 feet to the W	Closed Status Spill (Unk/Other Cause)
363	MANHOLE 59311	E 62ND ST /2ND AVE	1974 feet to the W	Closed Status Spill (Unk/Other Cause)
76	OLD VACANT PROPERTY	503-509 E.75TH ST	1989 feet to the NNE	Closed Status Tank Failure
364	502-512 E 76TH ST	503-509 E 75TH ST	1989 feet to the NNE	Closed Status Spill (Unk/Other Cause)
365	506 EAST 76TH STREET	503-509 EAST 75TH STREET	1989 feet to the NNE	Closed Status Spill (Unk/Other Cause)
25	PROMENENADE CONDOMINIUM	530 EAST 76TH ST	1991 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
366	E. RIVER 75 & 76TH STS	E. RIVER / 76TH ST	2010 feet to the NE	Closed Status Spill (Unk/Other Cause)
367	COMMERCIA PROPERTY	429 EAST 75TH STREET	2023 feet to the N	Closed Status Spill (Unk/Other Cause)
368	EAST 75TH ST SUBSTATION	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
369		E 75TH STREET SUBSTATION	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
370	SUBSTATION IN MANHATTAN	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
371	EAST 75TH STREET SUB-STAT	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
372	525 75TH STREET	525 75TH ST	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
373	74TH ST GENERATING STATION	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
374	CON ED GENERATING STATION	525 EAST 75TH ST	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
375	EAST 75TH ST SUBSTATION	525 EAST 75TH ST	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
376	EAST 75 ST S/S. XFMR # 1, 16 OZ	525 EAST 75 STREET. SUBSTATION	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
377	EAST 75 ST S/S - XFMR # 5, SIX GALLONS	525 EAST 75 STREET - SUBSTATION	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
378	EAST 75TH SUBSTATION	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
379	CON ED	575 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
380	MANHOLE 426	E75TH ST SUB-STATION	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
381	MANHOLE #426/E 75TH ST	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
382	75TH STREET SUBSTATION	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Unk/Other Cause)
617	EAST 75TH ST SUB STATION	75TH ST	2033 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
618	EAST 75TH ST. SUB STATION	525 EAST 75TH STREET	2033 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
6	EAST 75TH EAST 76TH STREET PROPERTIES	503-509 EAST 75TH ST.& 502-504 EAST 76TH ST.	2035 feet to the NNE	Brownfields Site
383	213089; 2ND AVE AND E 73 ST	2ND AVE AND E 73 ST	2047 feet to the NNW	Closed Status Spill (Unk/Other Cause)
384	THREE GALLONS OIL IN MH #V5087	253 EAST 62 STREET	2052 feet to the W	Closed Status Spill (Unk/Other Cause)
385	3 GAL OIL FOUND IN VAULT # V5087	253 EAST 62 STREET	2052 feet to the W	Closed Status Spill (Unk/Other Cause)
386	MAN HOLE #5087	253 EAST 62ND ST	2052 feet to the W	Closed Status Spill (Unk/Other Cause)
387	MANHOLE #54519	E 61 ST & 2ND AV	2054 feet to the W	Closed Status Spill (Unk/Other Cause)
388	215836; E SECOND AVENUE AND E 61 STREET	E SECOND AVENUE AND E 61 STREET	2054 feet to the W	Closed Status Spill (Unk/Other Cause)
389	215523; E 61 ST AND 2ND AVE	E 61 ST AND 2ND AVE	2054 feet to the W	Closed Status Spill (Unk/Other Cause)
390	MANHOLE #54519	61ST & 2 AVE	2054 feet to the W	Closed Status Spill (Unk/Other Cause)
391	MAN HOLE #54519	EAST 61ST ST/2ND AVE	2054 feet to the W	Closed Status Spill (Unk/Other Cause)
392	215 EAST 64TH STREET	215 EAST 64TH STREET	2060 feet to the WNW	Closed Status Spill (Unk/Other Cause)
393	BLAIR HOUSE ASSOC	250 E 63RD ST	2062 feet to the W	Closed Status Spill (Unk/Other Cause)
113	348 EAST 58TH ST/NEW YORK	348 EAST 58TH ST	2079 feet to the WSW	Closed Status Tank Test Failure
394	MANHOLE #3815	504 E 76TH ST	2089 feet to the NNE	Closed Status Spill (Unk/Other Cause)
395		202 EAST 71ST ST	2091 feet to the NW	Closed Status Spill (Unk/Other Cause)
396	VAULT #0952	222 EAST 72ND ST	2096 feet to the NNW	Closed Status Spill (Unk/Other Cause)
77	APRT BUILDING	300 EAST 74TH STREET	2110 feet to the NNW	Closed Status Tank Failure
78	APARTMENT	300 EAST 74TH STREET	2110 feet to the NNW	Closed Status Tank Failure
397	APT BUILDING	300 EAST 74TH STREET	2110 feet to the NNW	Closed Status Spill (Unk/Other Cause)
398	208660; E 75 ST	E 75 ST	2116 feet to the N	Closed Status Spill (Unk/Other Cause)
399	420 EAST 76TH ST/MANH	420 EAST 76TH STREET	2131 feet to the N	Closed Status Spill (Unk/Other Cause)

114	APARTMENT BUILDING	340 EAST 58TH STREET	2132 feet to the WSW	Closed Status Tank Test Failure
400	MANHOLE #60303	E. 76TH ST & CHEROKEE PL	2142 feet to the NNE	Closed Status Spill (Unk/Other Cause)
79	410 EAST 57TH ST/MANH	410 EAST 57TH STREET	2147 feet to the SW	Closed Status Tank Failure
401		EAST 57TH ST & 1ST AVENUE	2161 feet to the WSW	Closed Status Spill (Unk/Other Cause)
402	MANHOLE 5331	EAST 57TH ST & 1ST AVE	2161 feet to the WSW	Closed Status Spill (Unk/Other Cause)
403	MANHOLE #53310	EAST 57TH ST & 1ST AV	2161 feet to the WSW	Closed Status Spill (Unk/Other Cause)
404	MANHOLE #53310 AND 53311	EA 57 ST AND 1ST AVE	2161 feet to the WSW	Closed Status Spill (Unk/Other Cause)
405	MH53311	EAST 57 ST AND 1ST AV	2161 feet to the WSW	Closed Status Spill (Unk/Other Cause)
13	MANHATTAN EYE HOSPITAL	210 EAST 64TH STREET	2162 feet to the WNW	Active Tank Test Failure
619	MANHATTAN EYE/EAR/THROAT	210 EAST 64TH ST	2162 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
406	MANHOLE # 60153	EAST 76TH STREET AND YORK AVE	2176 feet to the NNE	Closed Status Spill (Unk/Other Cause)
407	MAN HOLE 60153	EAST 76 ST AND YORK AVE	2176 feet to the NNE	Closed Status Spill (Unk/Other Cause)
408	212174; E 76 ST AND YORK AVE	E 76 ST AND YORK AVE	2176 feet to the NNE	Closed Status Spill (Unk/Other Cause)
409	SEVEN GAL OIL IN MANHOLE # 57132	YORK AVENUE & EAST 76 STREET	2176 feet to the NNE	Closed Status Spill (Unk/Other Cause)
80	ROOSEVELT HOSPITAL MOSF	UNDER 59TH ST BRIDGE	2188 feet to the S	Closed Status Tank Failure
81	GOLDWATER HOSPITAL	1 MAIN STREET	2188 feet to the S	Closed Status Tank Failure
115	GOLDWATER MEMORIAL HOSPIT	1 MAIN STREET	2188 feet to the S	Closed Status Tank Test Failure
410	GOLDWATER HOSPITAL	1 MAIN STREET	2188 feet to the S	Closed Status Spill (Unk/Other Cause)
620	GOLDWATER MEMORIAL HOSP	1 MAIN ST	2188 feet to the S	Closed Status Spill (Misc. Spill Cause)
621	GOLDWATER MEMORIAL HOSPIT	1 MAIN STREET	2188 feet to the S	Closed Status Spill (Misc. Spill Cause)
622	GOLDWATER MEM HOSP	1 MAIN ST	2188 feet to the S	Closed Status Spill (Misc. Spill Cause)
14	APARTMENT BLDG TTF	252 E 61ST ST	2193 feet to the W	Active Tank Test Failure
411	ON STREET	1409 SECOND AVE/EAST 73/7	2215 feet to the NNW	Closed Status Spill (Unk/Other Cause)
412		1409 2ND AVE	2215 feet to the NNW	Closed Status Spill (Unk/Other Cause)
413	EAST RIVER	40TH AVE	2217 feet to the ESE	Closed Status Spill (Unk/Other Cause)
414		EAST 67TH ST & 3RD AV	2223 feet to the NW	Closed Status Spill (Unk/Other Cause)
623		67TH ST / 3RD AVE	2223 feet to the NW	Closed Status Spill (Misc. Spill Cause)
15	APARTMENT BLDG TTF	400 E 57TH ST	2236 feet to the SW	Active Tank Test Failure
415	333 EAST 75TH ST	333 EAST 75TH ST	2241 feet to the N	Closed Status Spill (Unk/Other Cause)
416	APARTMENT BUILDING	300 EAST 75TH STREET	2252 feet to the NNW	Closed Status Spill (Unk/Other Cause)
417	SB #13283	220 EAST 73RD ST	2255 feet to the NNW	Closed Status Spill (Unk/Other Cause)
418	66TH ST & 3RD AVE	COR. 66TH ST & 3RD AVE	2255 feet to the WNW	Closed Status Spill (Unk/Other Cause)
419	MANHOLE 45130	66TH ST / 3RD AV	2255 feet to the WNW	Closed Status Spill (Unk/Other Cause)
420	IN FRONT OF	402 EAST 76TH ST	2269 feet to the N	Closed Status Spill (Unk/Other Cause)
116	ROOSEVELT ISLAND OPERATIONS CORP	684 MAIN ST	2276 feet to the ENE	Closed Status Tank Test Failure
421	FOOT OF ROOSEVELT IS.BRDG	FOOT OF ROOSEVELT IS.BRDG	2292 feet to the E	Closed Status Spill (Unk/Other Cause)
422	2ND AVE/E59TH ST	2ND AVE/E59TH ST	2297 feet to the WSW	Closed Status Spill (Unk/Other Cause)
423	S.TRAMWAY STAT/59TH ST.	S. TRAMWAY STAT/59TH ST	2297 feet to the WSW	Closed Status Spill (Unk/Other Cause)
424	QUEENSBORO BRIDGE EAST BO	59TH ST. /2ND AVE. EAST B	2297 feet to the WSW	Closed Status Spill (Unk/Other Cause)
425	CONSTRUCTION SITE	76TH AND 1ST ST	2304 feet to the N	Closed Status Spill (Unk/Other Cause)
426	MANHOLE 57310	411 E 76TH ST	2324 feet to the N	Closed Status Spill (Unk/Other Cause)
427	QUEENS BOROUGH BRIDGE	QUEENS BOROUGH BRIDGE	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
428	QUEENSBORO BRIDGE	QUEENSBORO BRIDGE	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
429	59TH ST BRIDGE	59TH ST BRIDGE	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
430	EAST RIVER-QNS BORO BRIDG	EAST RIVER-QNS BORO BRIDG	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
431	QUEENSBORO BRIDGE 59TH ST	QUEENSBORO BRIDGE 59TH ST	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
432	EAST RIVER/VERNON BLVD	VERNON BLV/QUEENSBORO BRI	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
433	QUEENSBOROUGH BRIDGE	QUEENS BR/LOWER RD EASTBD	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
434	QUEENSBORO BRIDGE	EAST RIVER/EAST BLVD	2369 feet to the SSE	Closed Status Spill (Unk/Other Cause)
624	QUEENSBORO BRIDGE	QUEENSBORO BRIDGE	2369 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
625	59TH ST BRIDGE	59TH ST BRIDGE	2369 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
3	CONSOLIDATED EDISON	3854 VERNON BLVD RAVENWOOD STA	2381 feet to the ESE	RCRA Corrective Action Site
117	430 E 77 ST	430 EAST 77TH ST	2382 feet to the NNE	Closed Status Tank Test Failure

118	CLOSED-LACKOF RECENT INFO	430 EAST 77TH STREET	2382 feet to the NNE	Closed Status Tank Test Failure
435	MANHOLE 45114	E 64TH ST & 3RD AVE	2400 feet to the WNW	Closed Status Spill (Unk/Other Cause)
16	NYC PARKS	77TH STREET AND CHEROKEE	2406 feet to the NNE	Active Tank Test Failure
436	JOHN JAY PARK	E 77TH ST / CHEROKEE PLAC	2406 feet to the NNE	Closed Status Spill (Unk/Other Cause)
437	APARTMENTS	238 EAST 60TH ST	2409 feet to the W	Closed Status Spill (Unk/Other Cause)
438	JOHN JAY BATHHOUSE	76-01 FDR DRIVE	2424 feet to the NNE	Closed Status Spill (Unk/Other Cause)
439	PLAZA 400	400 EAST 56TH STREET	2433 feet to the SW	Closed Status Spill (Unk/Other Cause)
440	MANHOLE 60281	EAST 77TH ST/YORK AVE	2439 feet to the NNE	Closed Status Spill (Unk/Other Cause)
441	CURB VALVE -	1265 3RD AVE	2456 feet to the NNW	Closed Status Spill (Unk/Other Cause)
442	APARTMENT HOUSE	203 E. 72ND ST	2456 feet to the NNW	Closed Status Spill (Unk/Other Cause)
443	MANHOLE 59970	EAST 72ND ST AT 3RD AVE	2476 feet to the NNW	Closed Status Spill (Unk/Other Cause)
444	MANHOLE #59970	E 72ND ST/3RD AVE	2476 feet to the NNW	Closed Status Spill (Unk/Other Cause)
26	RAVENSWOOD GENERATOR SITE	3854 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
27	GAS TURBINE -RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
28	TUNNEL BTWN 2 STATION -RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
29	GENERATING ST-RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
30	GAS TURBINE -RAVENSWOOD	40TH AVE & VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
31	GEN STATION-RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
32	GAS TURBINE -RAVENSWOOD	40TH AVE VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
33	RAVENWOOD STATION -RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
34	POWER HOUSE-RAVENSWOOD	38-54 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
35	GAS TURBINES-RAVENSWOOD	40TH AVENUE & VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
36	GEN STATION -RAVENSWOOD	38-58 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
37	GAS TURBINES -RAVENSWOOD	VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
38	TRANS CANADA RAVENSWOOD LLC	38 - 54 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
39	TRANSCANADA RAVENSWOOD	38-54 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
40	TRANS CANADA-RAVENSWOOD	3854 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
41	RAINEY PUMP HOUSE FLOOR & A-HOUSE-RAVENSWOOD	38-54 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
42	STAINED SOIL ALONG SOUTH SIDE GT-1 -RAVENSWOOD	38-54 VERNON BLVD. RAVENSWOOD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
43	GS - BOILER HOUSE A-RAVENSWOOD	3854 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
44	POWER STATION-RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
45	TUNNEL -RAVENSWOOD	RAVENSWOOD TUNNEL	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
46	POWER PLANT-RAVENSWOOD	3854 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
47	-RAVENSWOOD	3854 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
52	GENERATING STA.-RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Misc. Spill Cause)
53	GEN. STATION-RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Misc. Spill Cause)
54	VERNON SUBSTATION & QUEENS BRIDGE	3854 VERNON BLVD / 22-09 39TH AVE	2503 feet to the ESE	Active Haz Spill (Misc. Spill Cause)
55	TRANS CANADA GEN STATION-RAVENSWOOD	38-54 VERNON BLVD	2503 feet to the ESE	Active Haz Spill (Misc. Spill Cause)
56	POWER STATION-RAVENSWOOD	3854 VERNON BOULEVARD	2503 feet to the ESE	Active Haz Spill (Misc. Spill Cause)
82	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Tank Failure
445	RAVENSWOOD TURBINE SITE	VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
446	RAVENSWOOD POWER STATION	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
447	KEYSPAN	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
448	RAVENSWOOD GAS TURBINE	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
449	MANHOLE 16287	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
450	MANHOLE 16422	VERNON SUB. 3854 VERNON B	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
451	RAVENSWOOD POWER STA.	RAVENSWOOD POWER STA.	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
452	MANHOLE #16287	38-54 VERNON BL	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
453	MANHOLE #16286	38-54 VERNON BL	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
454	RAVENSWOOD GENERATING ST	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
455	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
456	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
457	RAVENWOODS GENERATING	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)

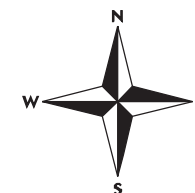
458	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
459	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
460	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
461	RAVENSWOOD GEN. STATION	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
462	RAVENSWOOD GAS TURBINE	40TH AVE & VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
463	RAVENSWOODS GENERATING	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
464	RAVENSWOODS GAS TURBINES	37TH AVE AND VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
465	RAVENSWOOD GAS TURBINE SI	37TH AV / VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
466	RAVENSWOOD PLANT	40TH ST AND VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
467	RAVENSWOOD PLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
468	RAVENSWOOD GS	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
469	RAVENSWOOD GAS TURBINES	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
470	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
471	REAR OF RAVENSWOOD GEN.	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
472	EAST RIVER	38-54 VERNAN BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
473	VERNON SUBSTATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
474	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
475	LEMON CREEK BARGE	38-50 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
476	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
477	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
478	RAVENSWOOD STEAM PLANT	7-18 37TH AVE	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
479	RAVENSWOOD SUB-STATION	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
480	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
481	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
482	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
483	RAVENSWOOD GENERATING STA	40TH AVENUE & VERNON BOUL	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
484	RAVENSWOOD GENERATING	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
485	CON ED	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
486	RAVENSWOOD GAS TURBINE	40TH AVE & VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
487	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
488	RAVENSWOOD GEN. STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
489	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
490	RAVENWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
491	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
492	RAVENSWOOD FACILITY	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
493	EAST RIVER	RAVENWOOD GENERATING STA.	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
494	RAVENSWOOD GENERATING ST	VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
495	RAVENSWOOD COMPLEX	VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
496	RAVENHOOD GENERATING STA	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
497	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
498	EAST RIVER	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
499	3854 VERNON BLVD	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
500	RAVENSWOOD GENERATING	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
501	RAVENSWOOD GEN STATION	38-54 GRAND BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
502	RAVENSWOOD GENERATING STA	38054 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
503	RAVENSWOOD TO RAINEY TUNN	RAVENSWOOD TO RAINEY TUNN	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
504	CON ED - RAVENWOOD STA.	38054 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
505	RAVENSWOOD PLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
506	RAVENSWOOD PLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
507	RAVENSWOOD SITE	VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
508	RAVENSWOOD FACILITY	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
509	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
510	37TH AVE/CONED/RAVENSWOOD	37TH AVE/CONED/RAVENSWOOD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)

511	38-54 VERNON BLVD/QUEENS	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
512	RAVENSWOOD GEN STATION	3854 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
513	SHEEN AT TRANS CANADA	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
514	RAVENS WOOD YARD	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
515	RAVENSWOOD UTILITY TUNNEL	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
516	SURFACE WATER	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
517	TRANS CANADA	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
518	VERNON SUB STATION/EMIS #222738	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
519	RAVENSWOOD POWER STATION	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
520	TRANS CANADA POWER PLANT	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
521	RAVENS WOOD POWER STATION	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
522	RAVEN'S WOOD POWER STATIO	3854 VERNON BLVD.	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
523	VERNON SUBSTATION	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
524	POWER STATION -RAVENSWOOD	38-54 VERNON BOULVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
525	RAVENSWOOD POWER STATION	38-54 VERNON BOULVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
526	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
527	RAVENS WOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
528	RAVENSWOOD GENERATING STA	3854 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
529	KEYSPAN - EAST RIVER	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
530	RADENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
531	RAVENSWOOD POWER STATION	38-56 VERNON BL	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
532	RAVENSWOODS POWERPLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
533	EAST RIVER	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
534		RAVENSWOOD TUNNEL	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
535	RAVENSWOOD STATION	VERNON BL	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
536	RAVENSWOOD POWER PLANT	36TH AVENUE/VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
537	RAVENWOOD STATION	3854 VEERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
538	RAVENSWOOD GENERATING STA	RAVENSWOOD GENERATING STN	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
539	RAVENSWOOD POWER STATION	3854 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
540	VERNON SUBSTATION PH #2	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
541	RAVENSWOOD POWER STA	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
542	RAVENSWOOD TUNNEL HOUSE	VERNON BLVD & 37TH AVE	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
543	RAVENSWOOD TUNNEL	40TH AVE/VERNON BL	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
544	VERNON SUBSTATION PH 6	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
545	38-54 VERNON BLVD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
546	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
547	RAVENSWOOD SUB STATION	12TH & 36 AV	2503 feet to the ESE	Closed Status Spill (Unk/Other Cause)
626	KEYSPAN RAVENSWOOD GT	VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
627	RAVENSWOOD GENERATING STA	3854 VERNON BLVD.	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
628	RAVENWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
629	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
630	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
631	RIVER	38-54 VERNON BL	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
632	WATER	38-54 VERNON BL	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
633	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
634	RAVENSWOOD GENERATION	40TH AVE/BRENNAN BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
635	RAVENWOOD GENERATING STAT	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
636	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
637	RAVENSWOOD GEN STATION	37TH STREET & VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
638	RAVENSWOOD GENERATING STA	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
639	RAVENSWOOD STA.	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
640	CON EDISON-RAVENSWOOD	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
641	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)

642	RAVENSWOOD FACILITY	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
643	38-54 VERNON BLVD/CONED	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
644	RAVENWOOD/QUEENS/CON ED	RAVENWOOD FACILITY/LIC	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
645	RAVENSWOOD GEN STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
646	**DRILL**DRILL**TRANSCANADA POWER PLANT	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
647	RAVENSWOOD GEN STATION	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
648	TRANS CANADA	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
649	CON ED TUNNEL	RAVENSWOOD POWER PLANT ON VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
650	TRANS CANADA POWER PLANT	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
651	MANHOLE # 3637	AT KEYSpan, INSIDE GATE AT	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
652	RAVENS WOOD POWER STATION	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
653	RAVENSWOOD POWER STATION	38-54 VERNON BOULVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
654	RAVENS WOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
655	MANHOLE #3637 - RAVENSWOOD GS	37TH AVE / VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
656	RAVENSWOOD GENERATING STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
657	RAVENS WOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
658	RAVENSWOOD POWER STATION	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
659	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
660	VERNON SUBSTATION - PH 8	38-54 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
661	RAVENSWOOD POWER PLANT	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
662	RAVENSWOOD POWER STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
663	RAVENSWOOD POWER STATION	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
664	RAVENSWOOD STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
665	RAVENSWOOD GEN. STATION	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
666	RAVENWOODS POWER STATION	3854 VERNON BLVD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
667	RAVENSWOOD GEN STATION	3854 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
668	RAVENSWOOD GENERATING	38-54 VERNON BOULEVARD	2503 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
8	CON ED RAVENSWOOD STA		2511 feet to the ESE	Solid Waste Facility
548	CORNELL UNIVERSITY	416 EAST 55TH STREET	2518 feet to the SW	Closed Status Spill (Unk/Other Cause)
119	ENGINE CO. 039 & 19 PRECINT FDNY -DDC	1537EAST 67TH STREET	2539 feet to the NW	Closed Status Tank Test Failure
669	19TH PRECT.BET.LEX.3 AVE	19TH PRECT.BET.LEX.3 AVE	2539 feet to the NW	Closed Status Spill (Misc. Spill Cause)
120	CLOSED-LACKOF RECENT INFO	401 EAST 77TH STREET	2571 feet to the N	Closed Status Tank Test Failure
549	346 EAST 56TH STREET	346 EAST 56TH STREET	2572 feet to the SW	Closed Status Spill (Unk/Other Cause)
48	VERNON SUBSTATION	VERNON BLVD & 41ST AV	2575 feet to the SE	Active Haz Spill (Unknown/Other Cause)
550	VERNON SUBSTATION	VERNON BLVD & 41ST ST	2575 feet to the SE	Closed Status Spill (Unk/Other Cause)
551	VERNON SUBSTATION	VERNON AVENUE AT 41ST ST	2575 feet to the SE	Closed Status Spill (Unk/Other Cause)
552	MANHOLE 15865	VERNON SUB STATION	2575 feet to the SE	Closed Status Spill (Unk/Other Cause)
553	RETAIL STORE	1273 3RD AVE	2583 feet to the NNW	Closed Status Spill (Unk/Other Cause)
554	315 E. 56TH ST	315 E. 56TH ST	2584 feet to the WSW	Closed Status Spill (Unk/Other Cause)
555	SRECIAL OPS COMMAND	750 EAST MAIN ST/RANDALLS	2597 feet to the ENE	Closed Status Spill (Unk/Other Cause)
7	SILVERCUP WEST - PARCEL A	41-98 AND 42-02 TO 42-16 VERNON BOULEVARD	2598 feet to the SSE	Brownfields Site
49	QUEENSBRIDGE PARK	VERNON BLVD	2611 feet to the SE	Active Haz Spill (Unknown/Other Cause)
83	VAULT	240 EAST 76TH STREET	2611 feet to the NNW	Closed Status Tank Failure
556	QUEENS BRIDGE PARK	CRNR OF VENNA AND 41ST	2611 feet to the SE	Closed Status Spill (Unk/Other Cause)
557	DUANE READE DRUG STORE	300 EAST 57TH STREET	2630 feet to the WSW	Closed Status Spill (Unk/Other Cause)
558	APARTMENT BUIDLING	222 EAST 75TH ST	2631 feet to the NNW	Closed Status Spill (Unk/Other Cause)
1	NATIONAL RUBBER ADHESIVES, INC.	38-31 9TH STREET	3249 feet to the ESE	NYSDEC Inactive Haz Waste Disposal Site
2	21-03 44TH AVENUE	21-03 44TH AVENUE	4893 feet to the SSE	NYSDEC Inactive Haz Waste Disposal Site



Toxics Targeting 1 Mile Buffer Search Map Rockefeller Univ. Laboratory Building New York, NY 10021



New York County



National Priority
List (NPL)



Inactive Hazardous Waste
Disposal Registry Site



Inact. Haz Waste Disp.
Registry Qualifying



RCRA Corrective
Action Facility



Subject
Area



Waterbody



County
Border



1 Mile
Radius



1/4 Mile
Radius



Railroad
Tracks

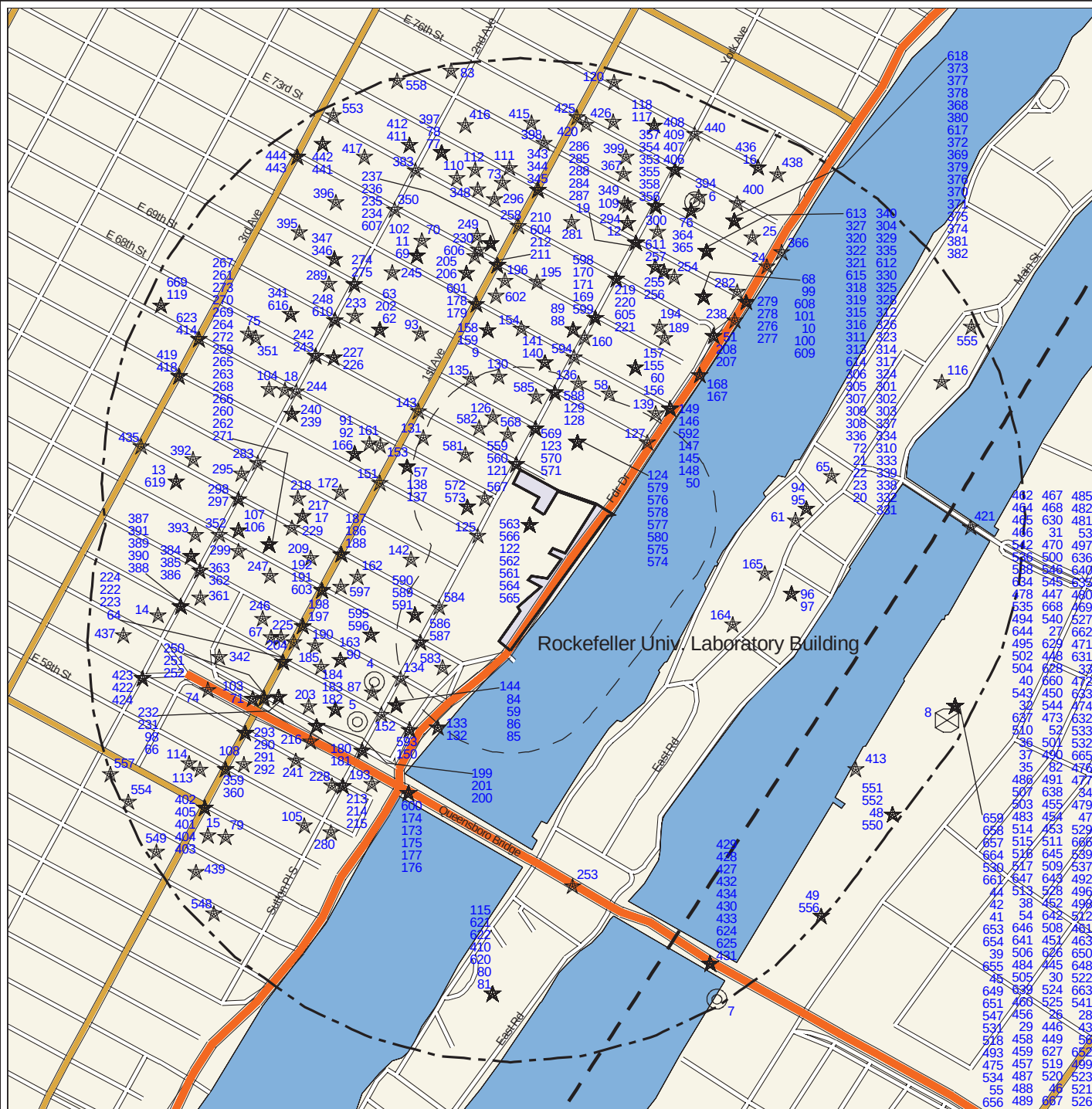


1/2 Mile
Radius

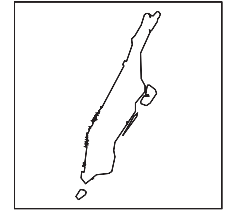
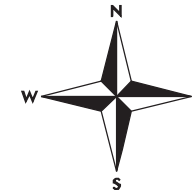


1/8 Mile
Radius

Scale: 1 inch = 1733 feet



Toxics Targeting 1/2 Mile Buffer Search Map Rockefeller Univ. Laboratory Building New York, NY 10021

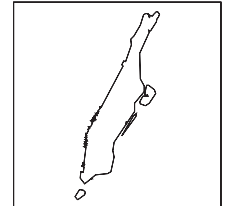
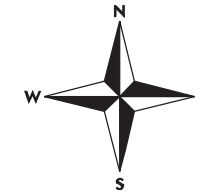


New York County

- Delisted NPL Site
- CERCLIS Superfund Non-NFRAP Site
- CERCLIS Superfund NFRAP Site
- Hazardous Waste Treater, Storer, Disposer
- Hazardous Substance Waste Disposal Site
- Solid Waste Facility
- Brownfields Site
- Hazardous Material Spill
- Subject Area
- Waterbody
- County Border
- Railroad Tracks
- 1 Mile Radius
- 1/2 Mile Radius
- 1/4 Mile Radius
- 1/8 Mile Radius

Scale: 1 inch = 952 feet

Toxics Targeting 1/8 Mile Buffer Search Map Rockefeller Univ. Laboratory Building New York, NY 10021



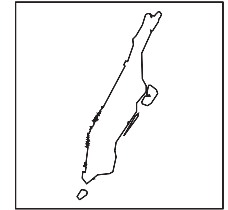
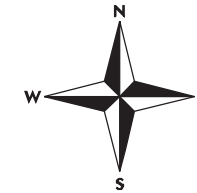
New York County



Major Oil Storage Facility	Enforcement Docket Facility
Chemical Storage Facility	Air Release
Toxic Release	Env Qual Review E Designation
Wastewater Discharge	Petroleum Bulk Storage Facility
Hazardous Waste Generator, Transp.	Historic Utility Site
Subject Area	Waterbody
County Border	Railroad Tracks
1/8 Mile Radius	250 Foot Radius

Scale: 1 inch = 367 feet

Toxics Targeting 1/8 Mile Buffer Closeup Map Rockefeller Univ. Laboratory Building New York, NY 10021



New York County

National Priority List (NPL) *	Delisted NPL Site **
CERCLIS Superfund Non-NFRAP Site **	CERCLIS Superfund NFRAP Site **
Inactive Hazardous Waste Disposal Registry Site *	Inact. Haz Waste Disp. Registry Qualifying *
Hazardous Waste Treater, Storer, Disposer **	RCRA Corrective Action Facility *
Hazardous Substance Waste Disposal Site **	Solid Waste Facility **
Major Oil Storage Facility ****	Brownfields Site **
Chemical Storage Facility ****	Hazardous Material Spill **
Toxic Release ****	Petroleum Bulk Storage Facility ****
Wastewater Discharge ****	Historic Utility Site ****
Hazardous Waste Generator, Transp. ****	Air Release ****
Enforcement Docket Facility ****	Remediation Site Borders
Env Qual Review E Designation *****	
Subject Area	Waterbody
County Border	Railroad Tracks
1/8 Mile Radius	250 Foot Radius

Scale: 1 inch = 367 feet

* 1 Mile Search Radius
**** 1/8 Mile Search Radius

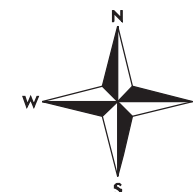
** 1/2 Mile Search Radius
***** Onsite Search (250 Ft)



Scale: 1 inch = 245 feet

Toxics Targeting Tax Parcel Map

Rockefeller Univ. Laboratory Building
New York, NY 10021



New York County

National Priority List (NPL)	Delisted NPL Site
CERCLIS Superfund Non-NFRAP Site	CERCLIS Superfund NFRAP Site
Inactive Hazardous Waste Disposal Registry Site	Inact. Haz Waste Disp. Registry Qualifying
Hazardous Waste Treater, Storer, Disposer	RCRA Corrective Action Facility
Hazardous Substance Waste Disposal Site	Solid Waste Facility
Major Oil Storage Facility	Brownfields Site
Chemical Storage Facility	Hazardous Material Spill
Toxic Release	Petroleum Bulk Storage Facility
Wastewater Discharge	Historic Utility Site
Hazardous Waste Generator, Transp.	Air Release
Enforcement Docket Facility	Remediation Site Borders
Env Qual Review E Designation	Waterbody
Subject Area	Railroad Tracks
County Border	

Tax Parcel Information Table

Rockefeller Univ. Laboratory Building New York, NY 10021

Subject Parcel or Parcels

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
1-01480-0010	1230 YORK AVENUE	ROCKEFELLER UNIVERSIT	R9 R10	I1	1	1940	85500000	445942

Other Parcels Found On The Tax Parcel Map

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
1-01461-0021	1233 YORK AVENUE	MEMORIAL SLOAN-KETTER	R10 R8	I4	1	1969	7605000	32133
1-01462-0005	1275 YORK AVENUE	MEMORIAL SLOAN-KETTER	R9 R10	I1	1	1940	28575000	103027
1-01463-0021	1273 YORK AVENUE	ROYAL CHARTER PROPTS,	R10 R8	D9	1	1957	9585000	30125
1-01474-9999					0			
1-01480-0001	1176 YORK AVENUE	SOCIETY OF THE NY HOS	R10 R9	I9	7	1956	126900000	275925

Section Two: Toxic Site Profiles

The heading of each *Toxic Site Profile* refers to the site's map location and details:

- The facility name, address, city, state, and zip code.
- Any changes that were made to a site's address in order to map its location.
- The site mapping method that was used (see ***How Sites are Located***, at the end of this section for more information).

Toxic Site Profiles summarize information provided by site owners or operators and government agencies regarding various toxic chemical activities reported at each site, such as:

- Whether chemicals were stored, produced, transported, discharged or disposed of.
- The name of chemicals and their Chemical Abstract Series (CAS) numbers.
- The amount of chemicals and the units (gallons/pounds) the chemical was measured in.
- Whether the site or storage tanks at the site are currently active or inactive.
- Special codes used by government agencies to regulate hazardous waste activities at some sites, or a complete description of the codes follows the profiles section.

For selected individual chemicals reported at various toxic sites, some potential health effect summary information appears below the site profile. Each potential health effect summary identifies chemicals by name and by Chemical Abstract Series (CAS) Number. An "x" under each potential health effect heading indicates positive toxicity testing results reported by the National Institute of Occupational Safety and Health's Registry of Toxic Effects of Chemical Substances (RTECS). Some chemicals (mostly appearing in profiles of Hazardous Waste facilities), are reported as mixtures, and RTECS health effect information is only available for individual chemicals. In addition, RTECS only provides information on approximately 100,000 common chemicals. Consequently, the absence of potential health effect summary information for a particular chemical identified in a Toxic Site Profile does not necessarily mean that the chemical does not pose potential health effects.

The Maximum Contaminant Level (MCL) in drinking water allowed for selected chemicals is also noted. In most cases, the only applicable MCL has been set by the New York State Department of Health (NYSDOH). Where NYSDOH has not set an MCL, the federal standard, if one exists, is listed and is marked by an asterisk.

Presented below are column headings that describe the health effect definitions used in RTECS and applicable New York State and federal drinking water standards. Reference sources for information presented in this section are also provided.

ACUTE TOX: **Acute Toxicity:** Short-term exposure to this chemical can cause lethal and non-lethal toxicity effects not included in the following four categories.

TUMOR TOX: **Tumorigenic Toxicity:** The chemical can cause an increase in the incidence of tumors.

MUTAG TOX: **Mutagenic Toxicity:** The chemical can cause genetic alterations that are passed from one generation to the next.

REPRO TOX: **Reproductive Toxicity:** May signify one of the following effects: maternal effects, paternal effects, effects on fertility, effects on the embryo or fetus, specific developmental abnormalities, tumorigenic effects, or effects on the newborn (only positive reproductive effects data for mammalian species are referenced).

IRRIT TOX: **Primary Irritant:** The chemical can cause eye or skin irritation.

MCL: **Drinking Water Standard - Maximum Contaminant Level** (MCL) listed under Drinking Water Supplies, 10 NYCRR Part 5, Subparts 1.51(f),(g), and (h) for NYDOH MCL's and under the Safe Drinking Water Act, 40 CFR 141, Subparts B and G, (* indicates value for total trihalomethanes) for federal MCL's.

Reference Source for Toxicity Information: Registry of Toxic Effects of Chemical Substances (RTECS), NIOSH (on-line database); For further information, contact: NIOSH, 4676 Columbia Parkway, Cincinnati, OH, 45226, 800/35-NIOSH.

Reference Source for Drinking Water Standards: New York State Department of Health, Bureau of Toxic Substances Assessment, 2 University Place, Room 240, Albany, NY 12203, 518/458-6373.

U.S. Environmental Protection Agency, Office of Drinking Water, 401 M St SW, Mailstop WH-556, Washington, DC, 20460, 202/260-5700.

Inactive Hazardous Waste Disposal Site Classifications:

- 1 -- Causing or presenting an imminent danger of causing irreversible or irreparable damage to the public health or the environment -- immediate action required;
- 2 -- Significant threat to the public health or environment -- action required;
- 3 -- Does not Present a significant threat to the environment or public health -- action may be deferred;
- 4 -- Site properly closed --requires continued management;
- 5 -- Site properly closed, no evidence of present or potential adverse impact -- no further action required;
- 2a -- This temporary classification has been assigned to sites where there is inadequate data to assign them to the five classifications specified by law;
- A -- Work underway and not yet complete;
- P -- Potential Site;
- D₁, 2, 3 -- Delisted Site (1: hazardous waste not found; 2: remediated; 3: consolidated site or site incorrectly listed);
- C -- Remediation Complete (formerly D2).



NO NATIONAL PRIORITIES LIST (NPL) SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

**INACTIVE HAZ WASTE DISPOSAL REGISTRY OR REGISTRY-QUALIFYING SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS**

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 1

NATIONAL RUBBER ADHESIVES, INC.
38-31 9TH STREET

LONG ISLAND CITY, NY 11101

Facility Id: 241028
TT-Id: 120A-0002-990

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 3249 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 3831 9TH ST

Revised zip code: NO CHANGE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: 02

REGION: 2

SITE CODE: 241028
DEC ID: 58713

CLASSIFICATION CODE DESCRIPTION:

Significant threat to the public health or environment - action required.

NAME OF SITE: National Rubber Adhesives, Inc.

STREET ADDRESS: 38-31 9th Street

CITY: Long Island City

ZIP: 11101

TOWN: New York City

COUNTY: Queens

SITE TYPE: Dump- Structure-X Lagoon- Landfill- Treatment Pond-

ESTIMATED SIZE: 1 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:

None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
C241028	BCP Site ID
NYD990690190	EPA Site ID
V00662	VC Site ID

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):
NAME: UNKNOWN

Owner Type: Corporate or Commercial

ADDRESS: 25 KNICKERBOCKER AVE.
BROOKLYN, NY 11101

NAME: National Rubber Adhesives, Inc.
ADDRESS: 25 Knickerbocker Avenue
Brooklyn, NY 11208

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

NAME: UNKNOWN3
ADDRESS:

Operator Type: Corporate or Commercial

NAME: National Rubber Adhesives, Inc.
ADDRESS: 38-31 9th Street
Long Island City, NY 11385

SITE DESCRIPTION:

LOCATION: The site is located in an urban/industrial section of Long Island City at the intersection of 9th Street between 38th Avenue and 40th Avenue. It is located on the east side of 9th Street, approximately 0.4 miles north of the Queensboro Bridge.

SITE FEATURES: The property extends 335 feet from the north to the south and 117 feet from the west to the east. The entire property is occupied by a 30,000 square feet, one story, slab-on-grand masonry building. A small courtyard is located in the central portion of the building on the western side. The site and surrounding areas are generally level.

CURRENT ZONING/USE(S): The site is currently zoned commercial. The site is currently used as a marble fabrication shop, an automotive repair shop, and a production studio. Another tenant occupies the other one-third of the building for storage of sheet metal and supplies for an off-site manufacturing business. No metal fabrication, cutting, or manufacturing associated with this business takes place on this site.

HISTORICAL USE(S):

National Rubber Adhesives, Inc. operated a manufacturing facility for adhesives until 1995 and operated at this location for 62 years. (National Rubber Adhesives, Inc. occupied the northern two-thirds of the building.) Five underground storage tanks (USTs) were closed in-place, including one toluene, two gasoline, one methyl ethyl ketone (MEK) and one heptane UST.

OPERABLE UNIT(S): The site is being managed through two operable units (OU). OU1 is for off-site work and OU2 is for on-site work. Each OU will include investigating for soil and groundwater contamination.

SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 to 20 feet above mean sea level. The nearest surface water body is the East River, approximately one quarter mile west of the site. Groundwater was observed approximately 5 to 10 feet below ground surface and flows in a westerly direction toward the East River. The depth to bedrock varies across the investigation area from 10 to 15 feet below surface.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
TOLUENE	UNKNOWN
TOLUENE U-220 (F005 WASTE)	UNKNOWN
XYLENE (MIXED)	UNKNOWN
BENZENE	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

NATURE AND EXTENT OF CONTAMINATION:

Based upon investigations to date, the primary contaminants of concern at the site include toluene. Toluene has been detected at levels as high as 280,000,000 parts per billion (ppb) in groundwater in MW-2, which is above the respective groundwater standard of 5 ppb. Other wells have shown levels of toluene in the 10,000's ppb. Benzene, ethylbenzene, and xylenes have all been shown to be elevated.

These previous investigations have identified exceedances of standards, criteria and guidance for those contaminants in soil as well. Elevated levels of benzene and toluene were also noted in the soil vapor as well.

The groundwater plume appears to be migrating off-site, however the extent of the plume is unknown. In 2011, the concentration of toluene was found as high as 130,000 ppb in an off-site location. Possible site impacts to the East River have not been assessed at this time.

SPECIAL RESOURCES IMPACTED/THREATENED : None known.

SIGNIFICANT THREAT: A significant threat is posed from potential exposure to site related contaminants from soil vapor intrusion both on and off-site structures. Exposures to contaminated groundwater are not expected because public water serves the area residents.

ASSESSMENT OF HEALTH PROBLEMS:

Elevated levels of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals have been identified in soil and groundwater at this site. The area is paved and served by public water so exposures to contaminated soils and groundwater are unlikely. Due to the high levels of VOCs in on-site groundwater, there is the potential for exposures related to soil vapor intrusion in surrounding buildings. A soil vapor investigation is planned as part of the ongoing remedial investigation.

PROJECT COMPLETIONS:

None reported

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-X	Soil-X	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-X	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE: Glacial till over crystalline bedrock.

GROUNDWATER DEPTH: Range: 5 to 10 feet.

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed-	Under Design-	In Progress-
NATURE OF ACTION:			Completed-

Map Identification Number 2 21-03 44TH AVENUE
21-03 44TH AVENUE



LONG ISLAND CITY, NY 11101

Facility Id: 241107
TT-Id: 120A-0004-469

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 4893 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: 2103 44TH AVENUE

Revised zip code: NO CHANGE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: 02 REGION: 2
CLASSIFICATION CODE DESCRIPTION:
Significant threat to the public health or environment - action required.

SITE CODE: 241107
DEC ID: 394315

NAME OF SITE: 21-03 44th Avenue
STREET ADDRESS: 21-03 44th Avenue
CITY: Long Island City ZIP: 11101

TOWN: New York City
COUNTY: Queens

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond-

ESTIMATED SIZE: 0.01 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
241112	HW Site ID

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):

NAME: City of New York – Corporate Counsel
ADDRESS: 100 Church Street
New York, NY 10015

Owner Type: Local Government

SITE DESCRIPTION:

Location:

The site is located immediately south of, and adjacent to, the building located at 21-03 44th Avenue in Long Island City, Queens, NY.

Site Features:

The site includes the sidewalk/street area immediately above and in the vicinity of a broken sewer line near the location of three groundwater monitoring points placed on the sidewalk in front of the building at 21-03, along 44th Avenue.

Current Zoning/Uses:

The site area is zoned as M1-4, which allows for manufacturing, commercial and certain community uses. In the immediate vicinity of the site, there are manufacturing and commercial businesses. The nearest residential area is approximately four hundred feet south of the site, along 44th Road.

Historical Uses:

Prior uses of the building at 21-03 44th Avenue include metal plating and the painting of radium dials. Light to medium grade manufacturing has been conducted immediately to the north and east of the site for over fifty years, and warehousing and frame manufacturing are conducted to the south. A New York City high school is located approximately three hundred fifty feet to the south of the site.

Contamination appears to have entered the environment from a broken sewer pipe that connects the building at 21-03 44th Avenue and the main sewer line in the street.

Site Geology and Hydrogeology:

Soil at the site consists of historic fill mixed with silty sands to a depth of approximately nineteen feet, with bedrock below this depth. Groundwater is encountered at approximately twelve feet below ground surface, and the flow is generally to the south.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE

QUANTITY

TETRACHLOROETHYLENE (PCE)
CHROMIUM

UNKNOWN
UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination:

Investigations conducted during a 2008 site characterization indicated a plume of chlorinated VOCs (primarily PCE) extending from the vicinity of the property at 21-03 44th Avenue to the northern edge of the Technology High School one block to the south, and possibly beyond. Chromium is also present in site groundwater.

Exceedances of standards, criteria, and guidance in groundwater include PCE at 36,000 ug/l vs. a standard of 5 ug/l and chromium

as high as 1,500 ug/l vs. a standard of 50 ug/l. Trichloroethylene, cis- 1,2 - dichloroethene and vinyl chloride also exceeded standards, however to a lesser degree.

Significant Threat:

Contamination presents a significant threat to the environment as demonstrated by the magnitude and aerial extent of groundwater impacts.

ASSESSMENT OF HEALTH PROBLEMS:

On- and off-site groundwater is contaminated with lead, chromium, hexavalent chromium and volatile organic compounds, primarily tetrachloroethene (PCE) and its breakdown products. The area is served by public water, thus exposure via ingestion of contaminated groundwater is not expected. Insufficient data exists for complete evaluation of potential exposures to other site-related contamination.

PROJECT COMPLETIONS:

Operable Unit 01A - IRM - Groundwater Contamination Mitigation

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Design	21-03 44th Ave. IRM	08/25/2010	Actual
Remedial Action		09/19/2011	Actual

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:

GROUNDWATER DEPTH:

LEGAL ACTION:

STATUS:

REMEDIAL ACTION:

NATURE OF ACTION:

Type:

Negotiation in Progress-

Proposed-

Under Design-

State-

Order Signed-

In Progress-

Federal-

Completed-

**RCRA CORRECTIVE ACTION SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS**

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 3**CONSOLIDATED EDISON**

3854 VERNON BLVD RAVENWOOD STA

LONG ISLAND CITY, NY 11101

EPA (RCRA) Name: CON EDISON – RAVENSWOOD TUNNEL HEADHOUSE

EPA (RCRA) Address: 3854 VERNON BLVD NW CORNER

LONG ISLAND CITY, NY 11101

Facility Id: NYD003917960

TT-Id: 220A-0040-499

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2381 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 3854 VERNON BLVD

Revised zip code: NO CHANGE

GENERATOR TYPE: Small Quantity Generator – Large Quantity Generator – X Treatment, Storer, Disposal Facility –

HANDLERS WITH CORRECTIVE ACTION ACTIVITY (CORRACTS)

CORRACTS EVENT CODE	CORRACTS DATE	CORRACTS EVENT DESCRIPTION
HQCA050	12/01/1994	RFA COMPLETED
HQCA070NO	12/01/1994	DETERMINATION OF NEED FOR A RFI-RFI IS NOT NECESSARY



NO CERCLIS SUPERFUND SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

**BROWNFIELDS SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS**

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 4**CE - YORK AVE STATION**

YORK AVE. BETWEEN 61ST & 63RD STS.

NEW YORK, NY 10021

Facility Id: V00544

TT-Id: 280A-0001-633

MAP LOCATION INFORMATION

Site location mapped by: MAP COORDINATE - LARGE SITE
Approximate distance from property: 840 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Brownfield Program: Voluntary Cleanup Program

Volunteer: CONSOLIDATED EDISON C

VOLUNTARY CLEANUP PROGRAM

CLASSIFICATION CODE: A

REGION: 2

SITE CODE: V00544

DEC ID: 58364

CLASSIFICATION CODE DESCRIPTION:

Work is underway and not yet complete.

NAME OF SITE: CE - York Ave Station

STREET ADDRESS: York Ave. between 61st & 63rd Sts.

CITY: New York

ZIP: 10021

TOWN: New York City

COUNTY: New York

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond-

ESTIMATED SIZE: 5.2 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:

None reported

CROSS REFERENCES:

None reported

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME: VARIOUS - SEE PROGRAM FOLDER

Owner Type: Missing Code in Old Data

ADDRESS:

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

APPLICANT REQUESTOR(S):

NAME: CONSOLIDATED EDISON CO OF NY., INC.

Owner Type: Missing Code in Old Data

ADDRESS: 4 IRVING PLACE
NY, NY 10003

SITE DESCRIPTION:

Location: The former York Avenue gas holder site is located on the west side of York Avenue, from East 61st to East 63rd Street, in the Borough of Manhattan in New York City. The eastern portion of Block 1456 is bounded by East 61st Street to the south, York Avenue to the east, East 62nd to the north, and 1st Avenue to the west. The eastern portion of Block 1457 is bounded by East 62nd Street to the south, York Avenue to the east, East 63rd Street to the north, and 1st Avenue to the west. The final parcel, Block 1475, is bounded by York Avenue to the west, East 62nd Street to the south, FDR Drive to the east and East 63rd Street to the north.

Site Features: The main site features are a 12-story condominium/office building, a museum, a 6-story commercial building with parking garage, a 19-story cooperative residential building, three 12-story residential buildings, and 26-story university tower with 3-level underground parking structure.

Current Zoning/Use(s): The site is currently active with zoning for residential, commercial and manufacturing. The surrounding parcels are currently zoned for residential and commercial uses.

Historical Uses: The first gas holders were constructed on Block 1457 between 1874 and 1879. A third holder was constructed in 1889. Between 1905 and 1915 the original two holders were removed and replaced with a single large holder, and another large holder was built on Block 1456. All of the gas holders operated until 1948, when the structures were removed. Between 1949 and 1960, all of the parcels were redeveloped.

Operable Units: The site is currently being managed as a single operable unit.

Site Geology and Hydrogeology: The site consists of three unconsolidated soil units varying widely in thickness and distribution across the site overlying the bedrock surface. The bedrock ranges from at or just below the ground surface at the western side of the site, to approximately 48 feet below ground surface along the west side. At some locations the native soils have been completely removed and replaced with fill material, which is found as thick as 12 feet. A sand unit lies below the fill material, in thicknesses from 5 to 60 feet. Below the sand are both gravel and sand units, and a coarse-grained gravel unit. Groundwater was found at depths of 6 to 16 feet below ground surface. The flow direction is generally to the east.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE

QUANTITY

COAL TAR-----
UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Prior to Remediation: A partial site investigation was completed on Blocks 1456 and 1457. The results indicate that the contaminants of concern were semi-volatile organic compound (SVOCs), including polycyclic aromatic hydrocarbons (PAHs) and

benzene/toluene/ethylbenzene/xylene (BTEX) constituents. In surface soil, total PAHs ranged from 1,038 ug/kg to 19,310 ug/kg. In subsurface soils, total BTEX ranged from non-detect to 49,200 ug/kg. PAHs ranged from non-detect to 303,300 ug/kg in subsurface soils. In groundwater, only naphthalene was detected at elevated levels, ranging from non-detect to 340 ug/L.

A Remedial Investigation is currently underway.

ASSESSMENT OF HEALTH PROBLEMS:

NYSDOH has insufficient information to fully evaluate the potential for human exposures.

PROJECT COMPLETIONS:

Operable Unit 01 - Holder Station

PROJECT	DESCRIPTION	END DATE	STATUS
Site Characterization		03/13/2012	Actual

Map Identification Number 5**1113 YORK AVE.**

1113 YORK AVENUE

NEW YORK, NY 10021

Facility Id: C231061

TT-Id: 320A-0002-500

MAP LOCATION INFORMATION

Site location mapped by: MAP COORDINATE (1)

Approximate distance from property: 1045 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

This facility has been deleted from the reported data. Data reflects last reported information.

Brownfield Program: Brownfield Cleanup Program

BROWNFIELD CLEANUP PROGRAM

CLASSIFICATION CODE: A

REGION: 2

SITE CODE: C231061

CLASSIFICATION CODE DESCRIPTION:

DEC ID: 381461

Work is underway and not yet complete.

NAME OF SITE: 1113 York Ave.

STREET ADDRESS: 1113 YORK AVENUE

CITY: New York

ZIP: 10021

TOWN: New York City

COUNTY: New York

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond-

ESTIMATED SIZE: 0.517 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:

None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
0606853	Spill No.

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME: 1113 YORK AVENUE REALTY COMPANY, LLC
ADDRESS: 9 WEST 57TH STREET
45TH FLOOR
NEW YORK, NY 10019

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

APPLICANT REQUESTOR(S):

NAME: 1113 YORK AVENUE REALTY COMPANY, LLC
SHELDON H. SOLOW
ADDRESS: 9 WEST 57TH STREET
45TH FLOOR
NEW YORK, NY 10019

Owner Type: Innocent Owner NonRegistry-HazSubs

SITE DESCRIPTION:

This BCP Application is for remediation of a 0.517-acre site located at 1113 York Avenue in the Lexox Hill section of Manhattan, New York.

Once this vacant property is remediated, construction of a residential building and multi-level parking structure that will include a swimming pool and health club facility is proposed.

Known or suspected contaminants listed are petroleum, chlorinated solvents, SVOCs, metals, PCBs, as well as other VOCs, and they are impacting the soil, groundwater and soil gas.

This BCP Application is currently under review and the Department of Environmental Conservation will determine the application's approval and eligibility.

CONFIRMED HAZARDOUS WASTE DISPOSED:

None reported

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

This site was used for auto repair for 50+ years and contained 17 USTs. While excavating for redevelopment these tanks were found and removed. Approximately one half of the site was excavated to bedrock while the remaining (northern)half was only excavated in areas where tanks had been found. End-point sampling in the tank excavations found a number of SVOCs and metals that narrowly exceeded SCOs. Test pits in the northern half revealed petroleum staining (1-5 feet) and odors however no samples were taken.

Groundwater was not encountered on-site but may be present (based on regional data) in sections of the site where bedrock is not as shallow.

(See Spill # 0606853)

ASSESSMENT OF HEALTH PROBLEMS:

Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

Map Identification Number 6**EAST 75TH EAST 76TH STREET PROPERTIES**

503-509 EAST 75TH ST.& 502-504 EAST 76TH ST.

NEW YORK, NY 10021-

Facility Id: V00425

TT-Id: 280A-0000-570

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2035 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Brownfield Program: Voluntary Cleanup Program

Volunteer: THE DENIHAN CO (FORME

VOLUNTARY CLEANUP PROGRAM

CLASSIFICATION CODE: C

REGION: 2

SITE CODE: V00425

DEC ID: 58406

CLASSIFICATION CODE DESCRIPTION:

Remediation Complete (formerly D2). Sites may still require some degree of site management associated with either operation, maintenance, and monitoring or with institutional/engineering controls (IC/ECs).

NAME OF SITE: East 75th East 76th Street Properties

STREET ADDRESS: 503-509 East 75th St.& 502-504 East 76th St.

CITY: New York

ZIP: 10021-

TOWN: New York City

COUNTY: New York

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond-

ESTIMATED SIZE: 1.31 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:

Ground Water Use Restriction

Groundwater Treatment System

Vapor Mitigation

Landuse Restriction

Deed Restriction

CROSS REFERENCES:

IDENTIFIER	SOURCE
2010000097180	County Recording Identifier

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME: Lycee Francais of New York
Terrence Kennedy
ADDRESS: 505 East 75th Street
New York, NY 10021

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

NAME: Lycee Francais of New York
ADDRESS: 505 East 75th Street
New York, NY 10021

Operator Type: Innocent Owner NonRegistry-HazSubs

APPLICANT REQUESTOR(S):

NAME: THE DENIHAN CO (FORMERLY BJ DENIHAN)
Donald Denihan
ADDRESS: 500 WEST 37TH STREET
NEW YORK, NY 10018

Owner Type: PRP - Class 2 HazSubs

SITE DESCRIPTION:

Site Location:

The site is located on the upper east side of Manhattan, between York Ave and the FDR Drive, in an urban area with mixed uses. The address is 505 East 75th Street. Prior addresses were 502-504 East 76th Street and 503-509 East 75th Street. The site is described on the Manhattan Tax map as Block 1487 Lots 4, 5, and 8.

Site Features:

The entire property, which covers 33,215 square feet, is covered by a building occupied by a private school (the Lycee Francais).

Current zoning:

The site is zoned for commercial and residential use. The deed restriction allows restricted-residential use. Surrounding uses are residential, industrial, and commercial.

Historical Use:

Four vacant commercial buildings that existed on the site were demolished. Prior uses of the property were light industrial and commercial: an automobile repair shop, bakery, dry cleaner, and garage. Construction of the school's basement required excavating 30 feet below grade and into bedrock.

Geology and Hydrogeology:

Groundwater was encountered at approx 15 ft bgs and bedrock was encountered at approx 5 ft bgs on East 75th Street and 18 ft bgs on East 76 St. Groundwater flows generally to the east and slightly to the north.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
TETRACHLOROETHYLENE (PCE)	UNKNOWN
TRICHLOROETHENE (TCE)	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination:

The groundwater at the site is contaminated with tetrachloroethylene. The foundation of the school building is lined with a vapor barrier. The groundwater is collected, treated, and discharged to the NYC sewer system. A discharge permit is issued by the NYCDEP.

An off-site exposure assessment and investigation was conducted. Soil gas and groundwater samples were collected from the sidewalks around the site with one result on the south side of E 76 St on the nw corner of the school was of concern. NYSDOH requested that indoor air sampling and sub slab samples be collected in the adjacent properties. The investigation concluded in March 2008 and no vapor intrusion was detected.

ASSESSMENT OF HEALTH PROBLEMS:

On-site groundwater is contaminated with tetrachloroethene. However, the area is served with public water; therefore, ingestion exposure is not expected. Currently, an activated carbon groundwater treatment system is in operation on-site. Contaminated soils have been removed and disposed of offsite. The site is covered by the onsite building and pavement. A vapor barrier was installed in the onsite building to minimize the potential for soil vapor intrusion. The evaluation of the potential for soil vapor intrusion into nearby off-site structures is complete.

PROJECT COMPLETIONS:

Operable Unit 01 - Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Design		06/18/2002	Actual
Remedial Action		03/31/2008	Actual

Map Identification Number 7



SILVERCUP WEST - PARCEL A

41-98 AND 42-02 TO 42-16 VERNON BOULEVARD

LONG ISLAND CITY, NY 11101

Facility Id: C241099

TT-Id: 320A-0001-659

MAP LOCATION INFORMATION

Site location mapped by: MAP COORDINATE (1)

Approximate distance from property: 2598 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

BROWNFIELD CLEANUP PROGRAM

CLASSIFICATION CODE: A
CLASSIFICATION CODE DESCRIPTION:
Work is underway and not yet complete.

REGION: 2

SITE CODE: C241099
DEC ID: 371799

NAME OF SITE: Silvercup West - Parcel A
STREET ADDRESS: 41-98 and 42-02 to 42-16 Vernon Boulevard
CITY: Long Island City ZIP: 11101

TOWN: New York City
COUNTY: Queens

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond-

ESTIMATED SIZE: 0.2 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
C241109	BCP Site ID

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME: TERRA COTTA LLC
STUART MATCH SUNA
ADDRESS: 42-22 22ND STREET
LONG ISLAND CITY, NY 11101

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

APPLICANT REQUESTOR(S):

NAME: TERRA COTTA
STUART MATCH SUNA
ADDRESS: 42-22 22ND STREET
LONG ISLAND CITY, NY 11101

SITE DESCRIPTION:

Site Location:

The property is along the East River waterfront, adjacent to and south of the Queensboro (59th Street) Bridge in Long Island City. The parcels that comprise the development are the former Terra-Cotta site located at 41-98, 42-02 and 42-16 Vernon Boulevard. Parcel A is approximately a 0.20-acre portion of the Terra-Cotta site. The Terra-Cotta site is located between the East River and Vernon Boulevard, south of the Queensboro Bridge and has been vacant for almost fifteen years.

Current Zoning:

Current use of the site is industrial and planned use is for residential and commercial use.

Site Features:

The north parcels are vacant, and the south parcel contains a temporary NYPA generating station. The proposed Silvercup West development is a 2.3 million square foot project that will include approximately 1,000 units of housing, 655,000 square feet of office space, 350,000 square feet of film and television studio and studio support space, 75,000 square feet of retail, a 40,000 square foot health club, as well as a 125,000 square foot museum/cultural facility, a 1,000 seat catering facility and a 1,000 car garage.

Historical Use:

The Site was historically used for industrial and manufacturing purposes. The Site was occupied by the New York Architectural Terra Cotta Company, from circa 1898 to some time after 1915, for the manufacture of terra cotta, a construction material consisting of cast and fired clay units. By 1947, northern areas of the Site were used for plastic products manufacture and electronics operations then later manufacture of wood products and posts, waste paper sorting and rag processing. Circa 1980, a Pepsi Cola Company facility occupied the northern portion of the Site. From 1990 the property has been vacant.

Site Geology and Hydrogeology:

The surface soil is a fill layer comprised of a brown, dark brown, fine to medium sand layer containing some silt, gravel, brick, concrete fragments, wood, metal, and ash. The thickness of this layer varies from 5-20 feet from east to west. A natural sand deposit containing silt and fine gravel is located below the fill. Gneiss bedrock underlies the surficial fill and potentially natural sand. Some of the Gneiss has weathered into grayish-brown coarse sand with cobbles, gravel, silt and mica. The depth to competent rock varies from 10 ft-bgs in the center of the site to 60 ft-bgs in the east and 25 ft-bgs in the west.

Groundwater underlying the Site ranged between 8 and 16 ft-bgs and elevations indicate that it generally flows to the west, toward the East River.

The Brownfield Cleanup Agreement (BCA) was executed on November 16, 2006.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
BENZO[K]FLUORANTHENE	UNKNOWN
BENZO(A)PYRENE	UNKNOWN
MEK	UNKNOWN
indeno(1,2,3-cd)pyrene	UNKNOWN
BENZO(B)FLUORANTHENE	UNKNOWN
LEAD	UNKNOWN
Chrysene	UNKNOWN
ARSENIC	UNKNOWN
BENZ(A)ANTHRACENE	UNKNOWN
DDE	UNKNOWN
DDT	UNKNOWN
DIBENZ[A,H]ANTHRACENE	UNKNOWN
Petroleum Products	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination:

Soil:

A review of historic information and the results of the RI identified the presence of petroleum contamination in soil samples located at 7 to 25 ft-bgs. Subsurface soil is also impacted by BTEX VOCs, and there were two samples with exceedances for pesticides.

Groundwater:

Two of five monitoring wells exhibited petroleum free product which was fingerprinted and revealed to be weathered No. 6 fuel oil. Metal exceedances are consistent with brackish conditions.

Soil Vapor:

Total VOCs in the Soil vapor samples ranged from 325 to 1,009 mcgpcm.

Significant Threat:

It has been determined that this site does not pose a significant threat to human health or the environment.

ASSESSMENT OF HEALTH PROBLEMS:

Contact with contaminated soil or groundwater is unlikely unless people dig below the ground surface. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains its water from a different source not affected by this contamination. Volatile organic compounds may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air or buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site building redevelopment and occupancy.

PROJECT COMPLETIONS:

None reported

**SOLID WASTE FACILITIES IDENTIFIED WITHIN THE 1/2 MILE SEARCH RADIUS**

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 8**CON ED RAVENSWOOD STA**

NO ADDRESS INFORMATION PROVIDED

Facility Id: 41T14

TT-Id: 380A-0002-362

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2511 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 3854 VERNON BLVD

Revised zip code: 11101

This facility has been deleted from the reported data. Data reflects last reported information.

PERMIT
NUMBERPERMIT
EXPIRES

FACILITY TYPE

FACILITY STATUS

WASTE TYPES

LARGE TRANSFER STATION (>50000 CY/YR)

UNKNOWN



NO HAZARDOUS WASTE TREATMENT/STORAGE/DISPOSERS IDENTIFIED WITHIN THE 1/2 MILE SEARCH RADIUS



HAZARDOUS MATERIAL SPILLS INTRODUCTION

The Hazardous Material Spills in this section are divided into eight spill cause groupings. These include:

Active Spills Section: Spills with incomplete paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

- 1) Tank Failures
- 2) Tank Test Failures
- 3) Unknown Spill Cause or Other Spill Cause Hazardous Spills
- 4) Miscellaneous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, and Vandalism.

Closed Status Spills Section: Spills with completed paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

- 5) Tank Failures
- 6) Tank Test Failures
- 7) Unknown Spill Cause or Other Spill Cause Hazardous Spills
- 8) Miscellaneous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, and Vandalism.

All spills within each spill cause category are presented in order of proximity to the subject site address.

Please note that spills reported within 0.25 mile (or one-eighth mile in New York City) are mapped and profiled.

Between 0.25 mile (or one-eighth mile in New York City) and 0.5 mile, only the following spills are mapped and profiled:

- * Tank Failures;
- * Tank Test Failures;
- * Unknown Spill Cause or Other Spill Cause;
- * Spills greater than 100 units of quantity; and
- * Spills reported in the NYSDEC Fall 1998 MTBE Survey.

A table at the end of each section presents a listing of reported Miscellaneous Spills with less than 100 units located between 0.25 mile (or one-eighth mile in Manhattan) and 0.5 mile. These spills are neither mapped nor profiled.



NO ACTIVE TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS



ACTIVE TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 9



LEAKING UST ABANDONED IN PLACE

400 EAST 71ST STREET

NEW YORK CITY, NY

Spill Number: 9007086

Close Date:

TT-Id: 520A-0095-198

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 934 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Citizen

Caller Name: JIM DINARO

DEC Investigator: JBVOUGHT

Spiller: TRANSWORLD EQUITIES

Notifier Name:

Caller Agency:

Contact for more spill info:

Spiller Phone: (212) 679-3000

Notifier Phone:

Caller Phone: (718) 886-6240

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/01/1990		TANK TEST FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

20K TANK LOCATED IN GARAGE AREA, OIL LEAKING FROM TANK TO AREA BELOW, 4K TANK TRUCK PARKED OUTSIDE BEING USED INSTEAD OF TANK TO

FEED BOILERTRUCK APPEARS TO BELONG TO STUYVESANT.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"

07/21/2005 1020 hrs: Called Ralph Ortiz, superintendent of building at 400 East 71st, referred to Lisa Bluttal at Transworld Equity (212-355-4900). Lisa will check files regarding cleanup of spill. A.L Eastmond (Carlos/Neal) apparently did the work to close the original 20k buried tank. NYC building permit indicates buried oil tank was replaced with an above-ground storage tank, also changed from #6 to #2 fuel oil, date 05/14/1991. PBS database (2-403458) indicates 05/01/1991 installation of a 5,800-gallon above ground tank for #4 oil. The 20k tank was closed in place.

08/18/2006: No additional written information is available, however conversations with owners indicate that spill was minor and cleaned up and the new tank has been in service with no difficulties. Given the age of the spill and its location in a parking garage, potential environmental impact is considered to be low. Spill should be closed. M.Brand NYSDEC DER Albany.

10/2/09 – Austin – Spill transferred from Albany staff to Ahmed, for further investigation to see if there is concurrence on closure for this spill – end

10/27/11 – Austin – Spill Transferred from Ahmed to Vought – end

1/6/12-Vought-Received call from Jocelyn Finney (Ph:631-753-0333) who noted that she was looking to get spill closed as quickly as possible and was inquiring about further DEC requirements. As per notes above site has a 20,000-gallon #6 fuel oil UST that was closed in place and replaced with a 5800-gallon #2 fuel oil UST in 1991. PERSONAL NOTE: Vought disagrees with notes of DEC Brand above that spill should be closed "given the age of the spill and its location in a parking garage". Degradation of heavy #6 fuel oil cannot be confirmed as well as location of UST in a parking garage may impact other residences given close proximity in Manhattan of other residences and basements. As such DEC requires investigation of the original 20,000-gallon #6 fuel oil UST. PBS registration notes former 20,000-gallon UST was diesel. Caller Remarks note that "OIL LEAKING FROM TANK TO AREA BELOW". Vought called Finney and noted below requirements.

1/12/12-Vought-Conference call with owner Lisa Bluttal and owners tank rep (Chris Burge-Total tank Ph:917-841-3373). Vought explained requirements and Bluttal will submit investigation work plan via email to Vought for approval.

1/25/12-Vought-Received Subsurface Investigation Work Plan from Miller (Nick Marrone Ph:631-369-4900 Fax:631-369-4909) dated 1/23/12. Miller proposes to install four soil borings "in the vicinity of the former 20K underground storage tank...". Borings will be installed via Geoprobe until groundwater or refusal is encountered. The sample with the highest PID reading will be sent to lab and an ISR will be submitted to the DEC. "It is our understanding that additional borings/monitoring wells and remedial action may be required upon review of the field and laboratory data by your office. Proposal was sent from:

Ms. Lisa Bluttal
Manocherian Brothers
150 East 58th Street
28th Floor
New York, NY 10155-2899

Ph: (212)355-4900
Fax: (212)355-3066

Vought sent review letter requiring submission of a site plan, performance of soil borings to at least five feet below tank invert and not to refusal or bedrock as proposed and correction of PBS 2-403458 20,000-gallon UST from diesel to #6 with above requirements to Bluttal with cc to Finney and Marrone.

1/31/12-Vought-Received email revision entitled Subsurface Investigation Work Plan (Revised January 27, 2012) from Miller Marrone. Work Plan proposes installation of six soil borings "to at least tank bottom". "If groundwater is encountered within 20-feet of the surface and there has been a suspected leak the installation of three monitoring wells to NYSDEC specifications cannot be completed at this location because of location of the 20K UST. If applicable, monitoring wells may be done outside of the building at a later date." AN Investigation Summary Report will be generated and submitted to NYSDEC. Proposal also includes submission of a surrounding area site map including piping and remote fill locations. Proposal also included site plan with UST and proposed boring locations. No investigation proposed are former remote fill as staining in boiler room (which is approximately 8' below grade) is adjacent to former UST location and not remote fill. Marrone also noted that PBS Registration will be amended by Controlled Combustion. Vought drafted and sent approval letter of Plan to all parties.

2/8/12-Vought-Received Subsurface Investigation Report dated 2/7/12 via email.

3/6/12-Vought-Reviewed Subsurface Investigation Report dated 2/17/12. Six Geoprobe borings installed on 1/31/12. Site is a 23 story residential building. PBS registration noted UST was closed in place on 5/1/91 and a 5800-gallon AST was installed in an adjacent tank room. Two schools located .25 miles from site. "No. 6 staining was observed coming from the south boiler room wall. Upon inspection, a pump, separator drum and recovery drum was discovered at the parking garage lower level. Oil staining was present in the two sumps that were connected to the system. Refusal at 13-15'bg on schist bedrock and groundwater at depth of 10'bg. "All soil samples exhibited No. 6 oil staining except boring B-5". "Since the building is set onto the rock, perched groundwater on top of bedrock is likely traveling to the deepest point beneath the building sump areas". There was not enough groundwater for collection of a groundwater sample. Soil analyticals show: 1900ppb ethylbenzene(B1 9-12'bg), 1660ppb xylene(B1 9-12'bg), 17,000ppb naphthalene(B1 9-12'bg), 1500ppb ethylbenzene(B2 9-12'bg), 1300ppb xylene(B2 9-12'bg), 460ppb xylene(B3 9-12'bg), 1500ppb ethylbenzene(B4 9-12'bg), 1700ppb xylene(B4 9-12'bg), 13000ppb naphthalene(B4 9-12'bg), 2800ppb ethylbenzene(B6 9-12'bg), 2600ppb xylene(B6 9-12'bg), 26000ppb naphthalene(B6 9-12'bg). "MEG believes that the No. 6 oil spill extent has not been completely defined". Report recommends submission of a possible workplan. Vought called Marrone (Ph:845-569-1200) and agreed to installation of one monitoring well adjacent to former UST location with biweekly monitoring and quarterly sampling. Vought sent and e-doc'd letter requiring installation of one well next to former UST. Letter sent via email and mail and called and spoke to Bluttal and explained same.

4/19/12-Vought-Vought received call from and spoke to Marrone and one inch well was installed and on 4/9 well was gauged and inch of product in well. Well installed at former boring location B-3. Groundwater not at 10' bg as previously submitted but at 6" below grade. Marrone will submit site plan with well location and summary letter to DEC within two weeks.

6/5/12-Vought-Received call from and spoke to Jerry Williams (Controlled Combustion Ph:718-367-9800x204 email:j.williams@heatingny.com). Williams requested review.

6/19/12-Vought-Reviewed Groundwater Monitoring report dated 4/25 submitted by Miller (Marrone). One inch diameter well installed adjacent to UST with a total well depth of 13'. "Viscous dark oily product was present measuring .10-feet in thickness. No

groundwater sample collected due to presence of free product. Miller recommends installation of recovery wells or sumps to recover oil and active recovery techniques will be discussed in a later work plan. Vought called Miller (Marrone) and Miller is working for Controlled Combustion. Vought and Marrone discussed installation of recovery wells and/or sumps and interim remedial methods (eg manual bailing). VEFR may not be effective due to one inch well and viscous product. Vought called Williams and explained DEC requirements and Vought drafted letter with requirements as well and added to E-docs and sent to Bluttal with cc to Maronne and Williams.

9/4/12-Vought-Received call from Miller (Ferguson)

DEC Requires:

- 1) installation of recovery wells or sumps as per latest Report recommendations
- 2) delineation of contamination (via well or sump survey)
- 3) interim remedial methods until a system is operational (VEFR or bailing).

Map Identification Number 10



MANHATTAN 5, 8, 8A GARAGE DPR -DDC
545 EAST 73RD STREET

MANHATTAN, NY

Spill Number: 0001929

Close Date:

TT-Id: 520A-0100-036

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1508 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Tank Tester

Caller Name: NANCY GIUSTINIANI

DEC Investigator: adzhitom

Spiller: FORD - MANHATTAN GARAGE

Notifier Name: RICKY ROUFF

Caller Agency: STATE ENVIRONMENTAL SERVI

Contact for more spill info: MIKE BALAREZO

Spiller Phone: (212) 360-3537

Notifier Phone: (718) 265-3355

Caller Phone: (718) 265-3355

Contact Person Phone: (212) 839-1156

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/15/2000		TANK TEST FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	550	Horner EZ Check I or II	0.00	UNKNOWN
2	550	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

RETEST TANK AFTER ITS REPAIRED. BELOW GROUND TANK. NO LEAK.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"
1/12/04. Transferred to J. Kolleeny.

This spill location was wrongly identified as 5 Boro Garage (Randalls Island) in Nov. '04. Based on address, spill most likely occurred at Manhattan 5, 8, & 8A Garage (545 E. 73rd St., Manhattan). Spill transferred from Kolleeny to Imdadul Islam (case manager of Manh. 5, 8 & 8A) on 4/13/05. – JK

3/09/06: This spill transferred from I. Islam to Q. Abidi.

08/18/06: Transferred to SK. According to the URS Bimonthly updates, URS visited the site May 8, 2006 to gauge the wells for free product. Wells MW-05,09,11,19 exhibited free product. On June 29, 2006 URS returned and removed 105 gallons of product/water via vacuum truck from the four wells. – SK

10/27/06 Spill case transferred from S. Kraszewski to J. Maisonave. – JAM

8/29/07 Reviewed free product recovery data for monitoring period through March 2007 in a letter dated May 16, 2007. In May 2006, URS resumed product recovery using a vac truck. URS visited the site again in August and September 2006 and initiated monthly visits in December 2006. Product has been detected in wells MW-05, MW-09, MW-11 and MW-19 with MW-19 exhibiting the greatest product thickness levels (ranging from 0.25 to 1.15 feet). As stated in the URS letter, "Since May 2006 URS has visited the sight eight times with the vacuum truck and product levels have fluctuated but have not demonstrated a decreasing trend." February 8, 2007 product thickness levels ranged from 0.05 feet in MW-05 to 1.15 feet in MW-19. Well MW-11 was inadvertently omitted during the last two site visits but will be included in subsequent visits. URS plans to continue monthly visits using the vac truck until demolition of the facility begins in the Fall of 2007. Excavation and remediation in the tank area should be completed by Fall 2008. – JAM

9/4/07 Spoke to Vinny Alison (phone # (917) 913-1174; email dcaconstltd@verizon.net). He will be removing tanks and he asked what were the requirements. I emailed him the link to DER webpage "Remediation Guidance and Policy Documents." – JAM

10/29/07 Visited the site to witness tank removal. Tanks are located in a former pit used by DOS to store material before it was loaded into the incinerator. The pit was fully enclosed with concrete. The tanks were installed on top of a layer of gravel and then fully encased in even more concrete. During the removal free product (fuel oil) was witnessed below the tanks. The pit should be completely excavated and contaminated material should be removed. I called Jane Staten from URS and left a message. – JAM

11/9/07 In correspondence with DDC, URS and DOS it has been determined that removal of contaminated soil and free product must wait until the demolition contractor has completed its activities, which is expected in June, 2008. At that point there would be 9 – 12 months time available for remedial work since the construction of the new garage will start in Spring of 2009. A site meeting was scheduled for Nov. 27, 2007 with DDC, URS and DEC.

I sent an email to Afsar Samani stating that once the site is accessible to DDC consultants, all contaminated soil and debris must be removed from the tank excavations that were backfilled, and from any future tank removals. Further, DEC is very concerned that UST removals at DDC consent order sites are being done under construction contracts rather than remediation contracts, with the construction contractor being specifically instructed to only remove the tanks and not perform any additional removal of obviously contaminated materials. We request that all UST removals at DDC consent order sites be coordinated with DDC's environmental consultants. At a minimum, provision should be made to have a vac truck on hand so that any product left in the tanks or in the tank excavations can be immediately pumped out, rather than buried under backfill. – JAM

11/27/07 A meeting was held at the site by project managers from URS and NYCDOS consultants. The schedule mentioned above has not changed. Site conditions may limit remediation and construction activities to be performed simultaneously.

I spoke with Harvey Robert from URS and Afsar Samani from DDC about the DEC's position regarding backfilling the tank pits with free product still present. Doing so is a violation of the Navigation Law and the Consent Order. Free product must be removed if present prior to backfilling. – JAM

9/4/08 Reviewed Proposed Product Recovery and Field Investigation Work Plan dated June 18, 2008 submitted by URS. URS proposes to install 13 monitoring wells, 8 in the former waste-receiving pit and 5 outside of the waste-receiving pit, to recover free product which was witnessed during the tank removal in late 2007.

I spoke to Jane Staten at URS, who told me that the demolition of the DOS facility is complete and investigation and remediation can begin. I spoke with Tony Aguero, URS construction manager for the demolition of the DOS facility, and he said three separate areas where USTs were removed also had floating product present which was not removed. I requested a Revised Work Plan from Jane Staten which also investigates those former UST areas along the FDR Drive. Awaiting revised work plan. The June 18th WP is uploaded to eDocs. – JAM

9/8/08 Reviewed Revised Proposed Product Recovery and Field Investigation Work Plan dated Sept. 5, 2008 submitted by URS. In addition to the 13 wells proposed in the June 18, 2008 proposed work plan, URS proposes 10 additional wells (totaling 23) in three separate areas where USTs were removed and free product was witnessed during removal.

I sent an approval letter today. Both the revised work plan and the approval letter are uploaded to eDocs. – JAM

9/30/08 Received a call from Jane Staten at URS on 9/25. Site access issues are delaying the work as per the approved work plan. I called Afsar Samani at DDC today and requested that DDC and URS coordinate with the DOS regarding site access to perform this field work. – JAM

11/10/08 Received an email from Jane Staten of URS. Email states that URS "were just informed by Michael Murphy, DOS Chief of Facilities, that DOS intends to store salt on the western side of the site this winter. Consequently, URS will postpone the installation of the wells on west side of the site until the DOS removes the salt, presumably in the spring.

URS is currently preparing the bid package to install the wells on the east side of the site. This work must be bid because a new gate and ramp are required to access this area.

I sent an email response stating that the wells should be installed no later than the spring of 2009. – JAM

5/11/09 Received a call from Jane Staten at URS. Ten soil borings were advanced in the three former tank vaults located on the side of the site closest to the FDR Drive. Each boring hit refusal at around nine feet and no product or water was encountered. Only one boring had a low PID reading. Recovery wells were not installed in those borings.

I told J. Staten to wait until all of the borings were completed before sending me a report. The rest of the borings will be installed after July 1. – JAM

11/19/09 Reviewed the Free Product Recovery Data through December 2008 submitted by URS dated February 9, 2009. URS visited the site September 26 and December 17, 2008 to inspect the absorbent socks in wells MW-09 and MW-19. In September, both socks were saturated and were replaced. In December, well MW-09 was flooded and the well was not opened, MW-19 did not show any product on the sock and it was left in place.

Reviewed the Free Product Recovery Data through March 2009. URS visited the site on January 15, February 16 and March 16, 2009. No product was observed in January and March. A small amount of product, 0.01 ft, was measured in both wells during the February visit. Report is uploaded to eDocs.

Reviewed the Free Product Recovery Data through June 2009. URS and Franklin Co. advanced several soil borings on May 11, 2009 but no water or product was encountered so permanent recovery wells were not installed. Report uploaded to eDocs.

During this period URS visited the site to gauge wells MW-09 and MW-19 for product on April 16, May 14, and June 11, 2009. In April 0.01 ft of product was detected in MW-09. Approximately 0.25 gallons of product was recovered using a vac truck. In May, 0.06 ft of product was detected in well MW-19 and it was manually recovered; MW-09 was flooded. URS installed an absorbent sock in MW-19. In June, 0.96 ft of product was detected in MW-19 and the absorbent sock was replaced. If a significant amount of product is detected in July, URS will arrange for regular vac truck visits to recover. Report uploaded to eDocs. – JAM

12/22/09 Reviewed the Filed Investigation Summary and Free Product Recovery Data through October 2009 Report submitted by URS dated November 24, 2009. On May 11, 2009, nine soil borings were advanced, three in each of the three former tank vaults. The work plan called for the installation of product recovery wells; however no water or product was encountered so no wells were installed. Each boring was advanced to approx. eight feet, which was the depth of refusal on the apparent bottom of the tank vaults. No soil samples were collected.

Between September 27 and 22, 2009, 11 monitoring wells were installed throughout the site. Soil samples were collected from MW-33, MW-35, MW-36. Analytical results showed that Total Xylenes in boring MW-33 exceeded TAGM. Each of the three soil samples exhibited SVOCs at concentrations above TAGM. Groundwater samples were collected from 10 of the 15 wells (4 were flooded and one, MW-19, contained free product). Analytical results showed ND concentrations of VOCs and SVOCs in 5 wells. The remaining 5 wells had VOC concentrations ranging from 16ppb in MW-08 to 3,722ppb in MW-33. Naphthalene was detected above criteria in 3 wells. No other VOCs exceeded criteria.

URS conducted free product recovery from wells MW-09 to MW-19 throughout the months between July and October. Well MW-19 shows the highest levels of free product ranging from 0.29ft on July 14 to 6.08 feet on September 17.

URS concludes that since bedrock is shallow and available soil data show little contamination, there is a small dissolved phase plume located in the southwest region and product is observed in 2 wells, that the focus of future activities will be

groundwater. This report is uploaded to eDocs. – JAM

11-10-2010 The spill was transferred from J. Maisonave to Alex Zhitomirsky, as per V. Brevdo/J. Kolleeny. AZ

4-5-2011 Reviewed Groundwater Monitoring and Free Product Recovery Data. Free product in MW-19 varied from 0.88' to 3.27'. VOCs were found in MW-04 at 1,302 ppb (total VOCs). An e-mail was sent to K. Shenahan/M. Asbagh and V. Brevdo:

"Dear Kevin, I have reviewed Groundwater Monitoring and Free Product Recovery Data for the above site. URS recommended installation of ORC socks in several wells. This recommendation is approved. AZ

4-6-2011 Reviewed Groundwater Monitoring and Free Product Recovery Data dated Feb. 14, 2011. The highest VOC contamination was found in wells MW-04, MW-22 and MW 33 ranging from 175 ppb to 769 ppb. An e-mail was sent to K. Shenahan: "Kevin, Sampling at wells MW-15, MW-24, MW-35 and MW-26 could be discontinued."

Also, the following e-mail was sent to K. Shenahan, V. Brevdo and M Asbagh: "Dear Kevin, This site has free has product. As per our February 17, 2011 meeting, a tank inventory should be compiled for this and other URS sites. The inventory should be compared to the PBS tank Registry and all discrepancies should be clarified.

Excavation should be considered for tanks closed in place. If tanks are excavated, contaminated soil should be removed and post excavation samples taken." AZ

11-22-2011 An e-mail was sent to K. Shenahan/V. Brevdo/M. Asbagh: "Dear Kevin, I have reviewed Groundwater Monitoring and Free Product Recovery Data for the monitoring period of December 2010 through February 2011 and received by DEC on August 9, 2011.

The report stated that free phase has been detected in well MW-19 and varied from 0.3 feet to 1.88 feet. Concentrations of dissolved VOCs have increased. The highest concentrations were detected in well MW-33 at 2,400 ppb. Free phase product in MW-19 is not delineated. Delineation wells should be installed. Sampling from well MW-36 could be discontinued.

There are fill ports located on East 73rd Street. These fill ports could be a source of free product. The fill ports should be removed and contaminated soil excavated, if feasible. Also, other fill ports at the site should be located and excavated, if feasible. All fill ports should be shown on a plan.

In the email dated April 4, 2011, I requested that the tank inventory be completed and discrepancies clarified. As of October 2011, the status of many tanks is not clear. The reconciliation should be completed and all discrepancies resolved. Next monitoring report should contain full reconciliation of the USTs records. Corrected information should be submitted to DEC PBS Unit. Excavation should be considered for tanks closed in place.

Sincerely,"AZ

2-2-2012 Reviewed report dated October 18, 2011. Product thickness in well MW-19 varied from 0.13 feet to 1.11 feet. An estimated 14.75 gallons of product were removed from MW-19 during the three month period ending May 2011 compared to 4.25 gallons collected during the previous period. The following e-mail was sent to K. Shenahan/V. Brevdo/M. Asbagh: "Dear Kevin,

I have reviewed a a monitoring report for this site for the period of March through May 2011 and dated October 18, 2011. The report stated that product thickness in well MW-19 varied from 0.13 feet to 1.11 feet.

In my previous e-mail dated November 22, 2011, I stated that there are fill ports located on East 73rd Street. These fill ports could be a source of free product. The fill ports should be removed and contaminated soil excavated, if feasible. Also, other fill ports at the site should be located and excavated, if feasible. All fill ports should be shown on a plan. I also reiterate this request.

In the email dated April 4, 2011, I requested that the tank inventory be completed and discrepancies clarified. As of February 2012, the status of some tanks is not clear. The reconciliation should be completed and all discrepancies resolved. Next monitoring report should contain full reconciliation of the USTs records. Corrected information should be submitted to DEC PBS Unit. Excavation should be considered for tanks closed in place.

Sincerely,
Alexander Zhitomirsky"

I also discussed this site with K. Shenahan over the phone including January 9, 2012 Monitoring Report. It was decided that URS will propose delineation wells south and west of MW-19 and north and west of well MW-5 (containing free product). URS has achieved some progress in USTs reconciliation. They will complete the reconciliation process. AZ

2-13-2012 Email from K. Shenahan:"Alex,
Harvey Roberts contacted the URS Project Manager who was in charge of the demolition of this site to inquire about the status of the fill ports/piping. These tank components were removed from the site (see below). In addition, we learned that all of the tanks were removed. We will revise the Petroleum Storage Tank Inventory section for future reports based on this information.

Regards,
Kevin J. Shanahan
Project Manager
URS Corporation – New York
77 Goodell Street
Buffalo, New York 14203
kevin.shanahan@urs.com
Office: 716-923-1215
Cell: 716-480-7352

From: Roberts, Harvey
Sent: Friday, February 03, 2012 3:00 PM
To: Shanahan, Kevin; English, Michael; McCall, Don; McDaid, Daniel; Burmeier, Tim; Ung, Leng
Subject: RE: Manhattan East 5,8,8A sp.#0001929
Kevin,

According to Tony Aguero, the URS employee who was the project manager for the URS CM demolition project at ME 5/8/8A, they removed every tank at the site, and removed every fill line and all associated tank piping.

Harvey Roberts
(718) 786-3838"

I asked Kevin Shanahan to locate the closure reports and see if they indicate that the fill ports and piping was removed. Also, an inspection might be needed to see if the fill ports located off site and indicated on the site maps are, in fact, removed."

7-5-2012 The following e-mail was sent to K. Shenahan/M. Asbagh/V. Brevdo:"Dear Kevin,

I have received a groundwater monitoring report for the fourth quarter of 2011 and the first quarter of 2012, dated May 8, 2012. The report stated that free product is present in wells MW-05 and MW-19. At the request of the DEC, the work plan, included in the report, proposed installation of four additional wells to delineate the free product plume. This work plan is approved.

However, in order to fully delineate the off-site plume, wells should also be installed south of MW-19 (downgradient direction). Also, as per our telephone conversation on July 5, 2012, a modified site plan should be submitted to DEC. If soil or decomposed bedrock is encountered during drilling operations, it should be collected and analyzed in a laboratory for the presence of VOCs and SVOCs.

Please note that the Responsible Party and its contractor(s) are solely responsible for the safe execution of this work.

Sincerely,

Alexander Zhitomirsky
Engineering Geologist 2
NYSDEC Region 2
Division of Environmental Remediation

Map Identification Number 11
 **TANK TTF**
311 EAST 71ST STREET

NEW YORK, NY

Spill Number: 1203017

Close Date:
TT-Id: 520A-0275-643

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 1539 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill: PRIVATE DWELLING
Notifier Type: Other
Caller Name:
DEC Investigator: SMSANGES

Spiller: FRANCIS SPADACCINI – HEATING COMPANY
Notifier Name:
Caller Agency:
Contact for more spill info: FRANCIS SPADACCINI

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (718) 999-4350

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/26/2012		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

 Caller Remarks:

2000 gallons remain in tank to be emptied – clean up pending

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 12 **CHURCH OF THE EIPHANY**
 1393 YORK AVE

MANHATTAN, NY

Spill Number: 9801907

Close Date:
 TT-Id: 520A-0097-635

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1738 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Tank Tester
 Caller Name: PHIL FAZIN
 DEC Investigator: TJDEMEO

Spiller: MR VICTOR – CHURCH OF THE EIPHANY
 Notifier Name: PHIL FAZIN
 Caller Agency: CROWN LEAK DETECTION
 Contact for more spill info: MR VICTOR

Spiller Phone: (212) 737-2720
 Notifier Phone: (516) 939-2959
 Caller Phone: (516) 939-2959
 Contact Person Phone: (212) 737-2720

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
05/13/1998		TANK TEST FAILURE	NO		NO		
Material Spilled	Material Class		Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM		0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	2000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

WILL EXCAVATE,EVALUATE AND RE-TEST.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"

11/10/98: TEST REPORT RECIEVED. THE TANK WAS TESTED AND PASSED THE TEST ON OCT.15, 1998. PBS# 2-283606. UPDATED. PYH

06/16/06: This spill is transferred from Mike Mulqueen to Mr. Koon Tang.

9/22/10 Transferred to b. falvey.

8/17/12 Spill re-assigned to T. Demeo as per RSE. bf

Map Identification Number 13 **MANHATTAN EYE HOSPITAL**
210 EAST 64TH STREET



Spill Number: 9711366
NEW YORK CITY, NY 10021

Close Date:
TT-Id: 520A-0095-860

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2162 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: 210 E.64TH ST

Revised zip code: NO REVISION MADE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Responsible Party

Caller Name: TOM LEDDY

DEC Investigator: TJDEMEO

Spiller: GILL HOFFMAN – MANHATTAN EYE HOSPITAL

Notifier Name: TOM LEDDY

Caller Agency: PROTEST ENTERPRISES

Contact for more spill info: GILL HOFFMAN

Spiller Phone: (212) 838-9200

Notifier Phone: (516) 321-4670

Caller Phone: (516) 321-4670

Contact Person Phone: (212) 838-9200

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/09/1998		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	3000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

tank test failure of generator tank no spill unknown further action at this time

DEC Investigator Remarks:

9/21/05 spoke with James Wood from the hospital. Mr. Wood is seeking to close out spill. He was informed that he needs to submit 1) Copy of a work order saying either the lines had been repaired or replaced, 2) Copy of a new system test report showing the system passed. SR

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL C"
6/30/99 Report forwarded to Sangesland. Caller stated that the building is being sold and the tanks were retested again and failed. System was isolated. Caller says the tank is OK, but both the supply and vent lines failed. Sangesland informed the caller that they need to submit 1) Copy of a work order saying either the lines had been repaired or replaced, 2) Copy of a new system test report showing the system passed.

Caller says work will be done ASAP because it's holding up the building sale. Ref: spill# 0002384.

4/12/04-Vought-Spill transferred from Sangesland to Rommel as per Rommel.

08/13/12 - LZ

As Randy Austin requested, the spill has been reassigned to Tim DeMeo

Map Identification Number 14



APARTMENT BLDG TTF

252 E 61ST ST

MANHATTAN, NY

Spill Number: 1204577

Close Date:

TT-Id: 520A-0275-668

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 2193 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: UNKNOWN

Source of Spill: PRIVATE DWELLING

Notifier Type: Tank Tester

Caller Name:

DEC Investigator: TJDEMEO

Spiller: PHILLIP FAZIN - APARTMENT BLDG

Notifier Name:

Caller Agency:

Contact for more spill info: PHILLIP FAZIN

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (516) 375-5890

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
08/07/2012		TANK TEST FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL		PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

Test failure. Tank replacement being scheduled. Cleanup is pending.

DEC Investigator Remarks:

Demeo needs to send a TTF letter to property owner

Map Identification Number 15 **APARTMENT BLDG TTF**
 400 E 57TH ST

MANHATTAN, NY

Spill Number: 1204106

Close Date:
 TT-Id: 520A-0275-662

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 2236 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: UNKNOWN

Source of Spill: PRIVATE DWELLING

Notifier Type: Tank Tester

Caller Name:

DEC Investigator: TJDEMEO

Spiller: PAUL – BLDG SUPER – PRIVATE RESD – APARTMENT B

Notifier Name:

Caller Agency:

Contact for more spill info: PAUL – BLDG SUPER

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (917) 566-3635

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
07/25/2012		TANK TEST FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL		PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

Test failure. Repair or replacement is pending owner's action.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 16



NYC PARKS

77TH STREET AND CHEROKEE

MANHATTAN, NY

Spill Number: 0514332

Close Date:

TT-Id: 520A-0099-027

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2406 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: E 77TH ST / CHEROKEE PL

Revised zip code: 10021

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Tank Tester

Caller Name: MICHEAL SEPE

DEC Investigator: HRPATEL

Spiller: GABE RAMOS – NYC PARKS

Notifier Name: MICHEAL SEPE

Caller Agency: FENLEY & NICHOL

Contact for more spill info: GABE RAMOS

Spiller Phone: (212) 410-8916

Notifier Phone: (631) 586-4900

Caller Phone: (631) 586-4900

Contact Person Phone: (212) 410-8916

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/15/2006		TANK TEST FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	1500	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

DIG UP AND REPAIR

DEC Investigator Remarks:

04/26/06–Hiralkumar Patel. spill is reported again by John Heimerlet from John Jay Park. Refer Spill # 0600876 also.

CSL with TTF letter sent out to Gabe Ramos and to John Heimerlet. faxed copy to Micheal Sepe at Fenley & Nicol (631–586–4920).

05/16/06–Hiralkumar Patel. TTF sent out to John came back with unable to forward notification.

09/02/09–Hiralkumar Patel.

1:18 PM:– received email from Mr. Ramos. he mentioned that DDC is working on bid for this one, Project # PW348–51. he asked to contact Ruben Olmedo at 718–391–1062.

Gabe Ramos
Dep. Chief of Citywide Operations
City of New York, Parks & Recreation
5–Boro Operations
Randalls Island, NY 10035
PH. (212) 410–8916
email: Gabriel.Ramos@parks.nyc.gov

05/24/12–Hiralkumar Patel.

2:02 PM:– sent email to Mr. Ramos inquiring updates.



ACTIVE UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 17



HERTZ

327 EAST 64TH STREET

MANHATTAN, NY

Spill Number: 9111462

Close Date:

TT-Id: 520A-0095-839

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1365 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: 327 E 64TH STREET

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: ROBERT ZSIZSEK

DEC Investigator: JAKOLLEE

Spiller: HERTZ

Notifier Name:

Caller Agency: HERTZ CORP.

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (201) 307-2548

Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/06/1992		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

DISCOVERED WHILE RETROFITTING UST'S. CONSULTANT – GROUND WATER TECHNOLOGY HIRED, PAUL MUSS (516)472-4000

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
4/12/04-Vought-Spill transferred from Miller to Rommel as per Rommel.

September/October 2005. Spoke to John Bolger, property manager (201-307-2561). He referred me to Susan Pinera, environmental person (201-307-2547). She was unable to find any files about the spill and had no information about it.

4/27/07: Case reassigned to Carlson. Received email from Timothy Egan (tegan@hertz.com): "Regarding 64th Street site, we have identified some files for the UST upgrade that occurred in 1992, hopefully the file will shed some light on the subject. The dead storage files are not stored here, we have requested the box be sent to my attention, I expect to have it early next week."

6/5/07: Emailed Timothy Egan to followup.

Received email from Timothy Egan : "I was able to locate files regarding this site. The release was reported related to a UST replacement that occurred at the site. It appears some petroleum-impacted soil was removed before the excavation was halted (in concurrence with the NYSDEC inspector on site) due to concerns about the stability of the building. I am reproducing the file and will forward it with a cover letter later this week."

6/11/07: Received old tank closure report dated 10/22/1992. Endpoint samples showed soil impact remained. Excavation was halted because additional excavation would have compromised the structural integrity of the building.

4/2/08: Sent stipulation agreement and assessment required letter to Timothy Egan of Hertz. Signed stipulation agreement due on 5/1/08.

5/8/08 – Carlson: Stipulation agreement effective 5/6/08.

5/29/08 – Carlson: Reviewed an Investigation Plan for the installation of four soil borings/monitoring wells around the tank field and remote fill. Plan approved.

6/30/08 – Carlson: Received email from Tom Bosshard. Delineation scheduled for July 7th.

7/14/08 – Carlson: Received email from Tom Bosshard. Wells were installed successfully.

8/28/08 – Carlson: Received phone call from Tom Bosshard.

9/4/08 – Carlson: Reviewed Subsurface Investigation Report, dated August 18, 2008. High dissolved concentrations. Sent letter requiring a delineation workplan and quarterly reporting. Due 12/4/08.

12/17/08 – Carlson: Reviewed October 2008 Groundwater Monitoring Report. Wells sampled on 10/16/08. Maximum BTEX concentration 5,145 ppb in MW-1. Three well locations proposed. Approved workplan.

3/20/09 – Carlson: Reviewed update report. Well installation delayed for DOT sidewalk permit. Wells sampled on 1/13/09. Maximum BTEX concentration 5,279 ppb (MW1).

4/24/09 – Carlson: Well installation scheduled for 4/28.

6/22/09 – Carlson: Reviewed Additional Subsurface Investigation Report dated 6/15/09. Three monitoring wells installed in April 2009. No soil or groundwater impact found. RAP due 8/3/09.

8/19/09 – Carlson: RAP approved – regenox application in three injection wells.

10/29/09 – Carlson: Reviewed August 2009 Groundwater Monitoring Report. Wells sampled on 8/25/09. BTEX 1,701 ppb in MW1. Injection wells have not been installed yet – delayed for DOT permit.

1/20/2010 – Carlson: Reviewed November 2009 Monitoring Report. Wells sampled 11/9/2009. General decrease in contaminant concentrations. IP 1,2,3 were installed. Regenox injection planned for January 2010.

4/15/2010 – Carlson: Reviewed update report. Regenox injected in February 2010. Sells sampled in March. Slight increase in contaminant concentrations resulting from Regenox use. Additional Regenox injection planned for April 2010.

8/3/2010 – Carlson: Reviewed May 2010 update report. Regenox injected in April 2010, additional event planned in July 2010. ORC sock to be installed in MW2 in July 2010.

10/25/2010 – Breen. August 2010 G/W Monitoring Report received on 10/14 and filed in e-docs. Regenox injected on August 13 2010 through three injection points. Two ORC socks were installed in MW2 at the same time. Dissolved VOC concentrations in on-site well 2 and off-site well 1 were detected at continued steady decreases as compared to the results of previous sampling events. Next sampling event is scheduled for November 2010.

4/4/2011 – Breen. Feb 2011 G/W Monitoring Report received on 4/1 and filed in e-docs.

04/22/11: This spill case transferred from G. Breen to J. Kolleeny. – JK

08/10/11: Reviewed GW Monitoring Rpt for May 2011 by EnviroTrac, submitted 6/15/11 (in eDocs). Rpt summarizes GW sampling event on 5/31/11, after addt'l rounds of RegenOx injections were performed earlier on May 5 & 19, 2011 (injections were previously performed in February, April and August 2010). GW sample results show dramatic decline in contaminant concentrations in well MW-1, which has consistently been most significantly impacted well at site. Based on data, EnviroTrac recommends spill closure. I sent email (in eDocs) to Timothy Egan of Hertz, cc to Tom Bosshard of EnviroTrac, requesting an addt'l round of GW sampling to confirm decrease in contaminant levels and demonstrate that levels will not rebound; I wrote that wells MW-4, MW-5 and MW-7 may be omitted from this sampling round, and that results should be presented in GW monitoring rpt with recommendations for further monitoring or spill closure as appropriate based on data. – J. Kolleeny

12/21/11: Reviewed GW Mon Rpt for August 2011 by EnviroTrac, submitted 10/5/11 (in eDocs). Rpt presents results of post-injection GW sampling performed in Aug. 2011. GW data show increase in worst well, MW-1, from 5.2 ug/L total BTEX in May 2011 (right after injections) to 436 ug/L tBTEX in Aug. 2011 (well had 2,148 ug/L tBTEX in Feb. 2011 prior to injections). No significant impacts in any other wells. Rpt states that monitoring/sampling of wells MW-1, MW-2, MW-3, & MW-6 will continue on quarterly basis to evaluate effectiveness of injections, and all site wells will be gauged quarterly. Next sampling event to be conducted in Nov. 2011. On 12/20/11, I sent email to Tom Bosshard of EnviroTrac: "Tom, I've reviewed Aug. 2011 GW Monitoring Rpt for this site, and I noticed that in this rpt, as in many other EnviroTrac rpts, Table 2 – Summary of GW Sampling Analytical Results includes line for Total BTEX, but not for Total VOCs. (Table does include results for individual compounds other than BTEX.) Would it be

possible to include a line for Total VOCs in GW sample results tables in future EnviroTrac rpts?" On 12/21/11, received email reply from Tom: "Jon, We can certainly add a Total VOCs row to our data tables. All rpts going forward will include this data." – JK

03/20/12: Reviewed Nov. 2011 GW Mon Rpt by EnviroTrac, dated 12/23/11 (in eDocs). Results of Nov. 2011 GW sampling show MW-1 (only well with significant impacts) had 3,048 ug/L total VOCs, up from 810 ug/L tVOCs in August 2011 (but below tVOCs of 3,973 ug/L in Feb. 2011 and initial sampling result of 18,180 ug/L tVOCs in July 2008). Contam does not appear to be migrating off-site. Rpt states that quarterly monitoring/sampling will continue to monitor long-term effectiveness of May 2011 RegenOx and ORC Advanced applications. Next quarterly sampling event scheduled for February 2012. – J. Kolleeny

06/27/12: Reviewed Feb. 2012 GW Mon Rpt by EnviroTrac, received 3/28/12 (no transmittal sheet or issuance date)(NOT in eDocs, await revised pdf). Results of Feb. 2012 GW sampling show MW-1 had 4,923 ug/L total VOCs (up from 3,048 ug/L in Nov. 2011); no other wells had significant contam. I contacted Gavin Zollo of EnviroTrac, asked that rpt be revised to include issuance date, to correct text in Conclusions section where "November 2011" is referenced instead of Feb. 2012, to correct GW flow arrow on Fig. 3 (or if possible to include water table contour map in each rpt based on latest gauging data), and to include recommendation to address contam in MW-1. Gavin said they're currently preparing rpt for May 2012 GW sampling event, and will send revised Feb. 2012 rpt along with that rpt, addressing my comments. – J. Kolleeny

Map Identification Number 18
 **260 EAST 67TH ST**
 260 E. 67TH ST

MANHATTAN, NY

Spill Number: 9612712

Close Date:
 TT-Id: 520A-0094-157

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)
 Approximate distance from property: 1589 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Local Agency
 Caller Name: MORALES
 DEC Investigator: JBVOUGHT

Spiller: MARCUS BEMMER, SOLOW MNGT – 260 EAST 67TH ST
 Notifier Name: FIRE DEPT
 Caller Agency: DEP
 Contact for more spill info: FIRE DEPT

Spiller Phone: (212) 715-0250
 Notifier Phone: (212) 570-4300
 Caller Phone: (718) 595-6777
 Contact Person Phone: (212) 570-4300

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/25/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	20.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

3000 gal outside storage tank is leaking

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"
UST. Oil coming into bldg. HazMat & IWCS. Eastmond in route. 250gallons unaccounted for. Eastmond to Vacutest lines.

8/15/05 – Haggerty – spoke with Rene Lewis of Al Eastmond (718)–378–7000, he will send documents if they can be found

12/19/2005: Searched property shark and nycserv.nyc.gov. Could not find the owner. Site visit may help to close the spill.
(Sadique)

06/07/2006: File transferred to John Grathwol. Possible to close after site visit. (Sadique)

Previous note by Sadique Ahmed

Spill transferred back to Region 2

3/10/08 – Austin – Spill assigned to Ahmed for followup – end

10/27/11 – Austin – Spill Transferred from Ahmed to Vought – end

Map Identification Number 19**74TH ST GENERATING STATION**

74TH ST AND YORK AVE

MANHATTAN, NY

Spill Number: 1205106**Close Date:**

TT-Id: 520A-0277-368

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1647 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: E 74TH ST / YORK AVE

Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: mxferoze

Spiller: CON ED

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
08/21/2012		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL		OTHER	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

sheen on water – divers discovered – cleanup pending

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 20
 **CON ED 74TH GEN ST**
 506 EAST 75TH ST

MANHATTAN, NY

Spill Number: 1104457

Close Date:
 TT-Id: 520A-0263-355

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: mxferoze

Spiller:

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212)

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
07/21/2011		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	0.10	GALLONS	0.00	GALLONS	

 Caller Remarks:

2 oz onto soil, no sewers/ waterways. invest and c/u pending

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 21 **74 ST GEN STATION. BASEMENT TRENCH**
 506 EAST 75 STREET

MANHATTAN, NY

Spill Number: 0713073

Close Date:
 TT-Id: 520A-0214-938

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name:

DEC Investigator: JMOCONNE

Spiller: CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/11/2008		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Excavating in station. Unknown oil found. Cleanup in process. 210268

DEC Investigator Remarks:

210268. see eDocs

see spills 0712848, 0705588 and 0607574.

11/20/08 – Austin – Spoke with Joe O'Connell, who is handling 0607574, et. al. This spill may be related to the aforementioned spill reports, which may related to an open remediation project assacoated with the three spill reports listed above. \$/18/08 entry in EMIS states "emis # is open until clean up is done in kero area.Also need to determine if additional investigation is needed by DEC." #0713073 assigned to Joe O'Connell for determination on this – end

Map Identification Number 22 **E 74 ST GENERATING STATION** **Spill Number: 0705588** **Close Date:**
 506 EAST 75 STREET MANHATTAN, NY TT-Id: 520A-0090-042

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: CON EDISON	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: JMOCONNE	Contact for more spill info: ERTSDESK	Contact Person Phone: (212) 580-8383

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/15/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL IS CONTAINED; DISCOVERED DURING DRILLING; NOT YET CLEANED; 207587

DEC Investigator Remarks:

207587 and 207590. see eDocs

8/15/07: Spoke with Kerri-Ann Southwell, EH&S Manager for E74th St station. While drilling structural boring B-8 encountered weathered #6 oil at 3'4" down to a depth of 9' and continuing. Structural borings are being advanced in anticipation of construction of the York Ave Substation at the facility. See also spill no. 0705593. (JHO)

8/17/07: e-mail from Con Ed (Southwell):

"Below are the lab results from borehole #8A, DEC Spill # 0705593 (emis # 207590), which indicate presence of lube oil. Please note that this boring was continued and no further evidence of petroleum contamination was detected. In that boring location depth to bedrock started at approximately 2 ft bg and continued to approximately 9 ft 7 inches bg (where boring was terminated)." See eDocs for lab results. (JHO)

8/17/07: second e-mail from Con Ed (Southwell): "I just updated emis 207590 (Spill # 0705593) for 74th St with the following, please let me know if you have any questions. While drilling B-9, approximately 12 ft South of B-8, evidence of petroleum odors was detected in weathered bedrock core. The core section was from 5 ft 2 inches to 7 ft 6 inches. Petroleum odors not detected throughout entire core, just a small section that was broken apart." (JHO)

8/20/07: e-mail to Con Ed (Southwell): "Please clarify: boring 8A, also called boring 9 in the emis report (emis no 207590, DEC no. 0705593) went to what depth? No further contamination was noted in 8A beyond 9' (so thickness of contaminated layer was from about 5'2" to 7'6""). Was there any visual evidence of contamination in this boring, or just "petroleum odor"?

In boring 8 (emis no. 207587, DEC no. 0705588) went to what depth? Was there any further oil contamination ("weathered #6 oil") below the 9 foot depth? Was a sample collected from this boring for oil ID?" (JHO)

8/22/07: e-mail from Con Ed (Southwell):

"Below I try to explain in more detail the 3 boring locations where we got hits for evidence of petroleum contamination. I'm in the process of updating the emis reports, which will be forwarded to you. Plus, I will forward the lab results from our borings.

EMIS 207587 (DEC # 0705588) and EMIS 207590 (DEC # 0705593)

While doing structural borings for the future York Substation, evidence of petroleum contamination and/or petroleum odors were detected in three(3) separate boring locations. (See details below). All three borings were in relatively close proximity to one another and all under the "T-11" area of the plant. Lab analysis (see Lab sequence numbers 07-07501, 07-07502, 07-07541) also indicates the petroleum to be a type of lubricating oil.

Con Ed requests emis 207590 (DEC # 0705593), be closed out and cross referenced to emis 207587 (DEC # 0705588).

B-8 Petroleum contamination encountered at 3 ft 4 inches until approximately 9ft, where boring was terminated. (All sand, no bedrock - substance black weathered #6 oil like) Lab results (LSN 07-07541, to be a heavy lube oil, like gear oil).

B-8A Evidence of shallow petroleum contamination encountered at approx. 9 inches, no further contamination encountered. Bedrock in this boring encountered at approx 2 ft below slab and extended to approx. 9 ft 7 inches, where borehole was terminated. (LSN 07-07501 no PCBs, and LSN 07-07502 lube oil).

B-9 evidence of petroleum odors encountered in weathered bedrock from approximately 5 ft 2 inches to 7 ft 6 inches. Borehole was terminated at 12 ft 6 inches with no further evidence of petroleum contamination or odors." See eDocs for lab results. (JHO)

8/23/07: e-mail from Con Ed (Southwell): "For your convenience I've update the 2 emis reports (see attached) and now emis 207590 is ready to submit for DEC approval. Please take a look and let me know if you would like for me to add anything additional. Again, we would like to close out and consolidate emis 207590 to the original emis 207587, because all borings were done in relatively close proximity to each other and lube oil (heavy

and light) was the
contaminant detected." See eDocs for 2 reports. (JHO)

8/27/07: e-mail from Con Ed (Southwell): "This past Saturday, 3 core holes were drilled to 18 inches below the slab in the kerosene impacted area, west of the tank room. These core holes are done first and then the drill rig goes back to these areas and drills to approximately 10 ft into the bedrock. In three areas kerosene odors were detected. These are in relative area of Langan's GP5N, GP5N1 and GP5N5." See spill no. 0607574 for further details regarding this area. (JHO)

8/31/07: e-mail from Con Ed (Southwell): "more kerosene odors were detected in B-1 approximately 2 ft below slab. We believe this location to be very close to Langan's GP5N6 hole and in the impacted area." See sp 0607574. (JHO)

9/5/07: sent e-mail to Con Ed (Southwell) requesting drawing of boring locations. (JHO)

9/9/07: e-mail reply from Con Ed (Southwell): "as soon as we receive the as-built drawings from our contractor, I'll forward that along to you." (JHO)

9/10/07: e-mail to Con Ed (Southwell): "What is the time frame for the as-built? Was the boring work undertaken without a drawing showing proposed locations?" (JHO)

9/13/07: Spill number 0705593 has been closed and sp 0705588 will be used to track all investigation and remediation related to geotech borings. (JHO)

9/18/07: sent second e-mail to Con Ed (Southwell) requesting drawing of boring locations. (JHO)

9/18/07: e-mail reply from Con Ed (Southwell): "Our contractor will be returning late this week or early next week to complete his survey of the boring locations. I will get an ETA on completion of the drawing this afternoon. The borings were completed off of a drawing that showed proposed locations which were adjusted in the field to meet existing conditions."

I responded as follows: "In the meantime can you mark up a copy of the drawing that Langan prepared for the kero tank area and show the approximate locations of the new borings?" (JHO)

9/26/07: response from Con Ed (Southwell): " Attached is Langan's map, where I hand written in the approximate locations where kerosene was detected during the structural borings in the basement. This map doesn't include the locations under T-11, because Construction is still waiting on as-builts from their vendor." See eDocs for sketch. (JHO)

see spills 0713073, 0712848 and 0607574.

Map Identification Number 23**EAST 74 STREET GENERATING STATION**

506 EAST 75 STREET

NEW YORK, NY

Spill Number: 0607574**Close Date:**

TT-Id: 520A-0099-120

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: AAOBLIGA

Spiller: ERTS - CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERTS

Spiller Phone: (212) 580-8383

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/03/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
KEROSENE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

WHILE DRILLING INTO CONCRETE, AS DRILL BIT WAS REMOVED FROM GROUND, KERESENE RESIDUE WAS DISCOVERED: FURTHER INVESTIGATION PENDING: CONED # 202750

DEC Investigator Remarks:

Con Ed no. 202750 - see eDocs.

10/19/06: Investigation / Remedial action work plan received from Angel Chang (Con Ed remediation) - plan prepared by Langan Engineering. Contacted Chang by phone to relay the following comments:

- 1) All sample results must be compared to TAGM instead of STARS.
 - 2) Provide a map and/or sketch of the area where the remedial investigation will take place.
 - 3) Provide more detail in plan regarding number of borings proposed, locations, etc.
 - 4) Plan must be signed/stamped by PE.
- (JHO)

10/23/06: Langan submits revised plan, which does not address items (2) and (3), above. Sent e-mail to Michael Burke (Langan project manager) requesting a map and information regarding the number of borings and locations. (JHO)

10/24/06: Langan submits site plan showing boring locations. E-mailed Burke comments:

"The drawing is not complete. It needs to include the following information:

1) The drawing shows 12 boring locations, but your e-mail indicates that only 5 are proposed initially. Which 5 are the initially proposed borings?

2) The location of the initial finding of oil should be shown, so that the adequacy of the boring plan can be assessed." (JHO)

10/25/06: revised drawing submitted which addresses all comments. E-mail approval sent to Angel Chang. (JHO)

11/3/06: Formal approval letter for RI/RAWP sent. (JHO)

11-8-06. Breen met with Plt EH&S Manager, Kerri-Ann Southwell, Angel Chang, Frank Radoslovic, Jimena Ibanez and Michael Burke, consultant from Langan. Investigation of stained soil and odor will continue with borings into concrete floor to delineate extent.

11/10/06 – e-mail from Langan (Michael Burke) to DEC Breen:

"As we discussed on Wednesday, November 8, 2006, the work proposed in response to the kerosene spill in the basement of the East 74th Street Station (NYSDEC Spill No. 0607574) will proceed as detailed in the NYSDEC approved work plan, dated October 24, 2006.

Additional actions

that were not addressed in this work plan due to unforeseen conditions include the following:

"1. Remedial action will not be performed concurrently with the investigation. A proper delineation will be completed following the same investigation procedure described in the RI/RA Work Plan. After the impacted area has been delineated, impacted concrete will be removed, to the extent practical without compromising structures associated with kerosene pumps and secondary containment walls, and will be restored to its original state.

"2. Slab water samples will be collected for waste characterization parameters, including TCL VOCs and SVOCs, PCBs, TPH, and oil and grease. In situ pH measurements will also be collected from selected sample locations. The intended disposal option for slab water is to first be treated through Con Edison's on-site oil/water separator and then discharged under Con Edison's existing SPDES permit."

12/1/06: Con Ed (Angel Chang) e-mails copy of Langan's 11/22/06 summary of investigation and proposed RAWP, along with following:

"We have completed the investigatory phase of our workplan. However, we have not started implementing the remedial phase yet due to unforeseen events during the first phase. Enclosed for your information, find the latest proposal provided by Langan to proceed. Also, I am enclosing 2 drawings (we will have these drawings for you at the station). I would like to have either of you or both to come to the Station for Langan and us to make you a presentation of our findings and how we are proceeding next (we have made some assumptions we would like to run by you)." Due to technical glitch, I was unable to open the 11/22/06 document. Langan agreed to forward a new copy to me directly.(JHO)

12/5/06: Langan (M. Burke) e-mails "Remediation Scope of Work" (RAWP Addendum no. 1) for review and approval. (JHO)

12/29/06: e-mail to Con Ed (Chang, Southwell, Cohen) and Langan (Burke): "I have reviewed the revised RAWP dated December 5, 2006 for the East 74th St. station and find it acceptable to complete remedial action for NYSDEC spill no. 0607574." (JHO)

1/12/07: meeting is held at the 74th Street Generating Station among DEC (O'Connell, Breen), Con Edison (Southwell, Chang, Cohen, Lombardi, Musto, O'Donnell) and Langan (Burke). Discussed results of investigation around tank room, and requested additional delineation to the east and northwest of the tank room. Langan to put together a scope for additional borings. (JHO)

1/16/07: Langan (Burke) submits meeting minutes, which will serve as agreement to revised scope as requested by NYSDEC in Jan. 12 meeting. (JHO)

1/23/07: supplemental investigation work began – a total of 9 additional borings are being installed. (JHO)

5/7/07: received supplemental RI report and RAWP Addendum no 2. (JHO)

5/23/07: completed review of supplemental RIR and RAWP Addendum no. 2. Based on results, additional area to be excavated to the east of the tank room. Called Langan (Burke) to tell him that he needs to submit revised Figure 1 from December 5, 2006 RAWP Addendum (proposed remediation areas). (JHO)

6/11/07: RAWP addendum no. 3 (revised drawing) received from Langan. (JHO)

7/12/07: RAWP addenda 1, 2 and 3 approved. (JHO)

8/27/07: e-mail from Con Ed (Southwell): "This past Saturday, 3 core holes were drilled to 18 inches below the slab in the kerosene impacted area, west of the tank room. These core holes are done first and then the drill rig goes back to these areas and drills to approximately 10 ft into the bedrock. In three areas kerosene odors were detected. These are in relative area of Langan's GP5N, GP5N1 and GP5N5." These borings were installed as part of geotechnical investigation for proposed new substation. Findings of earlier contamination in these geotech borings can be found in sp 0705588. (JHO)

8/31/07: e-mail from Con Ed (Southwell): "more kerosene odors were detected in B-1 approximately 2 ft below slab. We believe this location to be very close to Langan's GP5N6 hole and in the impacted area." (JHO)

9/5/07: sent e-mail to Con Ed (Southwell) requesting drawing of boring locations. (JHO)

9/9/07: e-mail reply from Con Ed (Southwell): "as soon as we receive the as-built drawings from our contractor, I'll forward that along to you." (JHO)

9/10/07: e-mail to Con Ed (Southwell): "What is the time frame for the as-built? Was the boring work undertaken without a drawing showing proposed locations?" (JHO)

see spills 0713073, 0712848 and 0705588.

2/24/12 – Obligado – Spill reassigned from O'Connell to Obligado

3/27/12 – Obligado – I completed review of the Supplemental Site Investigation Report. The report documents the installation and sampling of 7 monitoring wells at the site. During installation of MW2S. "Soil was visibly stained black with a petroleum-like odor." PID readings up to 470 ppm. During the installation of MW2R "soil was visibly stained with a petroleum like odor." PID

readings were up to 185 ppm. During installation of MW7R langan did not observe any petroleum like odors but soil was stained black. According to the report, no soil samples from the well installations exceeded CP-51 soil cleanup levels for Industrial Use. According to the report, VOC and SVOCs were not detected in ground water samples. The report recommended closure. After discussion with DEC Ketani, Hussein, O'Connell, determine spill will not be closed and remediation is required due to presence of free product in the slab.

3/30/12 – Obligado – I sent a letter to Barry Cohen of Conedison disapproving of spill closure and requiring implementation of approved RAWP.

3/30/12 – Obligado – Email from Barry Cohen, "Andre – Mariela and I will discuss this with our consultant and the rest of the Con Edison team before responding. However, before we do, we need a better understanding of the reasons for the Department's decision not to close the spill in question and whether the Department believes that the previously approved RAWP should be implemented at this time.

Once we receive this information and have an opportunity to discuss this matter with our team, we may request a meeting with the Department to discuss possible alternatives."

4/5/12 – Obligado – After discussion with DEC Ketani, Hussein, O'Connell, I sent a letter in response to Barry Cohen. Nav Law requires containment of discharges of petroleum. Petroleum at this site has not been contained and has migrated through the slab and to underlying soil and fractured bedrock, therefore clean-up is required. Nav Law requires prompt cleanup so Department will not approve delaying clean-up until 2020. Letter in edocs.

4/24/12 – Obligado – DEC met with Con Edison at the site to discuss DEC requirements. They provided a site synopsis and presented additional information, such as additional waste characterization sampling data, ground water sampling data, and crosssection diagrams showing impacted areas, to support their position that the case should be closed. The additional ground water sampling was done in April and all wells were non-detect except for one compound which also appeared in the up-gradient well and may represent back ground conditions. We also did a site walk through of the generating station areas of concern. DEC informed Con EdDER will discuss internally.

5/30/12 – Obligado – I reviewed the Waste Characterization report. Six test pits were done in preparation for impacted slab removal. Based on the analysis, only one sample had an exceedence of CP51 soil clean-up criteria and the exceedence was slight. After review of the materials and based on post meeting internal discussions on 5/24/12 I sent Con Ed a letter requiring one additional monitoring well in the most impacted area, GP5-N1 which had 0.25 ft product during the initial investigation. (The closest well to this location was upgradient and 30 feet away) If the well is clean than the case may be considered for closure.

Map Identification Number 24**VAULT 1611**

EAST 75TH ST AND FDR DR

MANHATTAN, NY

Spill Number: 1100570**Close Date:**

TT-Id: 520A-0262-055

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1883 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: E 75TH ST / FDR DR

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: mxferoze

Spiller: ERT – CONEDISON
Notifier Name:
Caller Agency:
Contact for more spill info: ERT

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-8383

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/16/2011		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	10.00	GALLONS	0.00	GALLONS	

Caller Remarks:

10 gallons of an unknown oil on top of 100 gallons of water. Clean up is pending sample results.

DEC Investigator Remarks:

Emis # 225458

04/16/11– Minor spill inside structure. Spill contained.

5/26/11 – Austin – 10 gals. trans. oil on top of 100 gals. water – transformer removed – Con Ed contained and cleaned up the spill – See eDocs files for details – spill closed – end

Map Identification Number 25
 **PROMENENADE CONDOMINIUM**
530 EAST 76TH ST

NEW YORK, NY

Spill Number: 9813992

Close Date:
TT-Id: 520A-0094-927

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1991 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: STEPHEN SCHNURMACHER
DEC Investigator: vszhune

Spiller: UNKNOWN
Notifier Name: SAME
Caller Agency: PROMENADE CONDOMINIUM
Contact for more spill info: JOSEPH GRIMES

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 628-9735
Contact Person Phone: (212) 628-9735

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/10/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATES THAT THERE IS OIL SEEPING INTO HIS BASEMENT FROM AN UNKNOWN SOURCE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"
SPOKE WITH STEPHEN, CON ED POWER PLANT IS NEXT TO THIS BUILDING AND ON THE OTHER SIDE OF IT THERE IS A PRIVATE SCHOOL. OIL IS SEEPING INTO THE BASEMENT. HE DOESN'T KNOW WHERE IT IS COMING FROM. THE BUILDING DOES NOT HAVE ANY OIL TANKS. IF HE IS NOT AVAILABLE, SPEAK WITH DOMINICK CAMILLERI, THE SUPER; OR JOSE GRIMES, WHO IS THE MANAGEMENT AGENT FOR THIS BUILDING AT THE SAME NUMBER GIVEN PREVIOUSLY. 2:00 PM. (AZ?)

3/4/99, 3:10 PM: Con Ed Chem Lab sent to building to take sample of oil for petroleum ID. (JHO)

4/27/99 – spoke with Mark Tibbe – material has been identified as hydraulic fluid from the condo's elevator ststem. no CON Ed involvement. Copy of file given to Tibbe. (JHO)

8/2/05– temperary transferred lead to Woodward

8/26/05– reveiw of file showed that site visit and possible sampling maybe required. put in call to Mr. Joe Grimes and left message.

11/21/05 never recieved return calls to messages.

2/27/06 sent letter requesting information from property owner of record. site visit and possible sampling maybe required to close site.

4/1/09 – Austin – Transferred from Needs Reassignment to Zhune for further work to remediate and close – end

Map Identification Number 26**RAVENSWOOD GENERATOR SITE**

3854 VERNON BLVD

QUEENS, NY

Spill Number: 9912003**Close Date:**

TT-Id: 520A-0132-763

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: WILLIAM HALLORAN

DEC Investigator: hrpatel

Spiller: CALLER – KEYSpan

Notifier Name: DAVE TORRES

Caller Agency: KEYSpan

Contact for more spill info: DAVE TORRES

Spiller Phone:

Notifier Phone: (718) 706-2875

Caller Phone: (516) 545-4007

Contact Person Phone: (718) 706-2875

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/17/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
KEROSENE	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

spill from above location, unknown what source and cause was. spill may affect east river. a. vicinanza, keyspan employee did observe site. crew to start managing site.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Tom Smith – manager of GT site (718) 706-2791

2/7/00 – Saccacio – Initially spoke to Tony Vicinanza who explained that there was no product in the river and that they believed that the source of the spill was from above ground filters. Clean Harbors was enroute to conduct the cleanup. One hour later I received a spill report (Spill # 9912004) from the FDNY indicating that the product source is from a broken pipe under the ground. I called Keyspan again and they would not speculate as to location of the leak. I instructed them to drain the line of any static product but they claimed the line capacity was negligible (less than 5 gallons). I called Randy and He requested I go out to the site in the morning. On scene the following morning I instructed _____ to check a nearby monitoring well and found 4.4' to top of prod and 7.7 to top of water indicating 3.3 feet of product. According to the Env. Consultant who recently installed the well it previously had only a few inches of product in it. Also on scene was:

2/18/00: Mark Tibbe rec'd update from Mike Lauro, KeySpan.They

pressure tested piping from Kerosene tank leak from yesterday.

Found a filter leaking. Excavated and found contaminated soil.

Will continue to test lines. Will try to minimize use of

kerosene.

2/3/05 – Austin – transferred spill from O'Connell – received some documentation from LIPA (Bart Polizotti) showing line testing, but no info on contaminated soil – needs further info/review – end

6/21/06: Talked to Bart Polizotti (516–545–5511) concerning spill. He said that all information regarding the spill and tank tests have been submitted already but no word on the soil contamination. Referred to Kenneth Jaeger, the site tech EHS Manager of Ravenswood who was unavailable at the time of call.

8/9/2006: Next action – contact Kenneth Jaeger at 718–706–2702 to get site cleanup status. Site visit might be warranted in the near future. JWA, NYSDEC–Albany

10/29/10 – Austin – Reassigned from Antonizio in Albany to Patel in Region 2 for following up and closing – end

12/13/10–Hiralkumar Patel.

Greg Pryor
Ravenswood Generating Station
Ph. (718) 706–2863
email: gregory_pryor@transcanada.com

Map Identification Number 27**GAS TURBINE –RAVENSWOOD**

38–54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9910096**Close Date:**

TT–Id: 520A–0132–773

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name: CARL WILLIAMS
DEC Investigator: JKKANN

Spiller: UNKNOWN
Notifier Name: DENNIS MCNULTY
Caller Agency: KEY SPAN ENERGY
Contact for more spill info: CARL WILLIAMS

Spiller Phone:
Notifier Phone: (516) 545–4007
Caller Phone: (516) 545–4007
Contact Person Phone: (516) 545–4007

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Unknown RP – DEC Field Response – DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/19/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

MOST INFORMATION UNKNOWN

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL" BORING#GT-N MW9. CONTAMINATION FOUND WHILE DRILLING.

6/21/10 – changed Lead DEC to JMOCONNE (JOC)

4/14/11 – J.kann – DEC lead changed to J.Kann.

5/29/12: J.kann – priority p0 assigned, need to review files before a proper assessment can be given.

Map Identification Number 28



TUNNEL BTWN 2 STATION –RAVENSWOOD

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9903238

Close Date:

TT-Id: 520A-0132-788

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name: CARL WILLIAMS
 DEC Investigator: JKKANN

Spiller: KEY SPAN ENERGY
 Notifier Name: PAT MCHUGH
 Caller Agency: KEY SPAN ENERGY
 Contact for more spill info: DOMINICK DIGIORGIO

Spiller Phone:
 Notifier Phone: (718) 706-2753
 Caller Phone: (516) 545-4007
 Contact Person Phone: (718) 706-2707

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/21/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

spill is contained within the tunnel between the two stations – clean harbor coming in for clean up

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

6/21/10 – changed Lead DEC to JMOCONNIE (JOC)

4/14/11 – J.kann – DEC lead changed to J.Kann.

Map Identification Number 29



GENERATING ST-RAVENSWOOD

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9900155

Close Date:

TT-Id: 520A-0132-888

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Spiller: KEN YAEGER – TRANSCANADA POWER
RICHARD ROACH – CON EDISON

Spiller Phone:

Notifier Type: Responsible Party

Caller Name: STEVEN CRIBBIN

DEC Investigator: JKKANN

Notifier Name: MR TORRES

Caller Agency: CON EDISON

Contact for more spill info: STEVEN CRIBBIN

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/05/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

DURING INSPECTION OF TEST SITE HOLE #1 (RB#1) OIL DISCOVERED AND SAMPLES WERE TAKEN RESULTS WAS 5PPM PCB – AMOUNT OF OIL IN HOLE #1 1 QUART ON TEST SITE RB#3 NEAR FENCE ABOUT 1 QUART DISCOVERED IN THAT HOLE REF #124055

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

6/16/10 – changed DEC lead from Krimgold to JMOCONNE (JOC)

04/14/11– J.Kann – DEC lead changed to J.kann

5/29/12 – J.Kann – assigned priority P0 to site. Need to review available information

Map Identification Number 30



GAS TURBINE –RAVENSWOOD
40TH AVE & VERNON BLVD

QUEENS, NY

Spill Number: 9809807

Close Date:

TT-Id: 520A-0132-874

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Spiller: UNKNOWN
KEN YAEGER – TRANSCANADA POWER

Spiller Phone:

Notifier Type: Responsible Party

Caller Name: MIKE CESARE

DEC Investigator: JKKANN

Notifier Name: MR MCNULTY

Caller Agency: CON EDISON

Contact for more spill info: FIFCHETTI

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/04/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

WHILE INSTALLING A NEW DUMP TANK SOIL CONTAMINATION AND POSSIBLY GROUND WATER CONTAMINATION WAS DISCOVERED. CON ED #121037

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

6/16/10 – changed DEC lead from Krimgold to JMOCONN (JOC)

4/14/11 – J.kann – DEC lead changed to J.Kann.

Map Identification Number 31



GEN STATION–RAVENSWOOD

38–54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9806863

Close Date:

TT–Id: 520A–0132–906

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEVE ROMERO

DEC Investigator: JKKANN

Spiller: KEN YAEGER – TRANSCANADA POWER

Notifier Name: HAHN

Caller Agency: CON EDISON

Contact for more spill info: HAHN

Spiller Phone:

Notifier Phone: (718) 706–2753

Caller Phone: (212) 580–6763

Contact Person Phone: (718) 706–2753

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
09/04/1998		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SOIL BORINGS SHOW OIL CONTAMINATION AROUND 12 TO 14 FEET DOWN – THIS IS BY THE STEAM PLANT ON THE COMPLEX

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Site investigation being conducted as part of divestiture process. Work plan submitted to DEC on 9/17/98.

6/16/10 – changed DEC lead from Krimgold to JMOCONNNE (JOC)

4/14/11 – J.kann – DEC lead changed to J.Kann.

Map Identification Number 32



GAS TURBINE –RAVENSWOOD

40TH AVE VERNON BLVD

QUEENS, NY

Spill Number: 9806822

Close Date:

TT-Id: 520A-0132-754

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Spiller: MR DIGIORGIO – CON ED
KEN YAEGER – TRANSCANADA POWER

Spiller Phone: (718) 706-2753

Notifier Type: Affected Persons

Notifier Name: MR DIGIORGIO

Notifier Phone: (212) 580-6763

Caller Name: STEVE ROMERO

Caller Agency: CON EDISON

Caller Phone: (212) 580-6763

DEC Investigator: JKKANN

Contact for more spill info: MR DIGIORGIO

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/03/1998		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

WATER THAT IS FED INTO A SEPERATOR CAME BACK WITH A HIGHER THAN
EXCEPTIABLE READING

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

6/16/10 – changed DEC lead from Krimgold to JMOCONNNE (JOC)

4/14/11 – J.kann – DEC lead changed to J.Kann.

Map Identification Number 33



RAVENWOOD STATION –RAVENSWOOD

38–54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9704979

Close Date:

TT-Id: 520A–0132–949

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Spiller: SAME – CON ED
KEN YAEGER – TRANSCANADA POWER

Spiller Phone: (212) 580–6764

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: JKKANN

Notifier Name: MR HAHN'

Caller Agency: CON ED

Contact for more spill info: RICHARD ROACH

Notifier Phone: (212) 580–6764

Caller Phone: (212) 580–6764

Contact Person Phone: (212) 580–6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/25/1997		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	OTHER	0	GALLONS	0	GALLONS	SOIL
The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information						
OTHER PETROLEUM	UNKNOWN	0	GALLONS	0	GALLONS	

Caller Remarks:

spill was due to all the rain they had in the last couple of days.

unknown exactly what the spill is.sill came from the ground

originally

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
CON ED E2MIS NOTES

Spill # 109653 reported earlier was thought to be homogeneous in nature tothat report. When ERT arrived and investigated the area for that report the substance observed was different. Vendor will clean up. Samples taken awaiting results. The substance will be stored in the HAZ waste area awaiting sample results.

6/16/10 – changed DEC lead from Krimgold to JMOCONNE (JOC)

4/14/11 – J.kann – DEC lead changed to J.Kann.

Map Identification Number 34 **POWER HOUSE-RAVENSWOOD**
 38-54 VERNEN BLVD

QUEENS, NY

Spill Number: 9704952**Close Date:**
TT-Id: 520A-0132-955

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Spiller: KEN YAEGER – TRANSCANADA POWER
 SAME – CON EDISON

Spiller Phone:

Notifier Type: Affected Persons
 Caller Name: RICHARD ROACH
 DEC Investigator: JKKANN

Notifier Name: HAHN
 Caller Agency: CON ED
 Contact for more spill info: RICAHRD ROACH

Notifier Phone: (212) 580-6764
 Caller Phone: (212) 580-6764
 Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/25/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATES UNKNOWN PETRO PRODUCT HAS BEEN DISCOVERED DURING AN

EXCAVATION AT THE ABOVE SITE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 ACCORDING TO RICHARD ROACH, THE OIL SPILL IS WITHIN CON-ED FACILITY. NO PUBLIC IMPACT.

CON ED E2MIS NOTES

Open excavation for water line installation has filled up with rain water. There is an unknown black fluid floating on the water

and coating the surrounding bluestone. The area has been roped and being monitored for rising level. There are no known leaks apparent from the adjacent fuel oil piping, nor is there any apparent leaking/bubbling up of any more black fluid. Clean up endor being contacted. Station Chem Lab contacted for sampling.

6/16/10 – changed DEC lead from Krimgold to JMOCONN (JOC)

4/13/11– lead changed to J.Kann.

Map Identification Number 35	GAS TURBINES–RAVENSWOOD		Spill Number: 9415584	Close Date:
	40TH AVENUE & VERNON BLVD	QUEENS, NY		TT-Id: 520A-0132-864
MAP LOCATION INFORMATION		ADDRESS CHANGE INFORMATION		
Site location mapped by: PARCEL MAPPING – LARGE SITE		Revised street: RAVENSWOOD CONED		
Approximate distance from property: 2503 feet to the ESE		Revised zip code: NO CHANGE		
Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:
Notifier Type:	Responsible Party	Notifier Name:	DOM DIGIORGIO	Notifier Phone:
Caller Name:	JOE DEVENNEY	Caller Agency:	CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator:	JKKANN	Contact for more spill info:		Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/01/1995		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	GROUNDWATER

Caller Remarks:

DURING EXCAVATION, FOUND OIL IN WATER – BOOM DEPLOYED AND SPILL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

Excavating for installation of new oil/water separator near bulkhead – found what appears to be low pour #6 oil.

Property sold to KeySpan Energy in 1999. Further investigation to be conducted by KeySpan. (JHO)

4/14/11 – J.kann – DEC lead changed to J.Kann.

Map Identification Number 36  **GEN STATION –RAVENSWOOD** **Spill Number: 9407884** **Close Date:**
38–58 VERNON BLVD LONG ISLAND CITY, NY TT-Id: 520A–0132–863

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Local Agency
Caller Name: RICHARD ROACH
DEC Investigator: JKKANN

Spiller: CON EDISON
Notifier Name:
Caller Agency: CON EDISON
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 580–6763
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/13/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	–1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

UNK WHAT WILL BE DONE NEXT

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

9/13/94: ENGELHARDT SPOKE WITH HARRY COATES – WHILE DOING TEST BORINGS FOR CONSTRUCTION PROJECT FOUND SAND SATURATED WITH OIL. COATES TO DO SITE INVESTIGATION.

10/10/95: This is additional information about material spilled

from the translation of the old spill file: CONTAMINATED SOIL.

9/17/97 – TRANSFERRED TO O'CONNELL.

6/18/98: property sold to KeySpan Energy, who retain responsibility for remediation. (JHO)

4/14/11 – J.kann – DEC lead changed to J.Kann.

Map Identification Number 37 **GAS TURBINES –RAVENSWOOD**
 VERNON BLVD

LONG ISLAND CITY, NY

Spill Number: 9103498

Close Date:
 TT-Id: 520A-0132-866

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
 Revised zip code: NO CHANGE

Source of Spill: MAJOR OIL FACILITY (>400,000 GAL)
 Notifier Type: DEC
 Caller Name: ANTHONY SIGONA
 DEC Investigator: JKKANN

Spiller: CON ED
 Notifier Name:
 Caller Agency: NYSDEC
 Contact for more spill info:

Spiller Phone: (212) 460-2273
 Notifier Phone:
 Caller Phone: (718) 482-4933
 Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Unable or Unwilling RP – DEC Field Response – DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/20/1991		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	–1.00	GALLONS	0.00	GALLONS	GROUNDWATER

Caller Remarks:

CON ED WAS HAVING 3 SOIL BORINGS TAKEN ALONG WHARF AREA BY INDEPENDENT TESTING LABS. OIL VISIBLE IN ALL 3 BORINGS FROM GRADE TO 10' BELOW. GRADE AT WATER LEVEL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead DEC Field was "ENGELHARDT"

6/20/91 : WALTER SCHUMACHER, GEN WATCHMAN WAS REQUESTED, DURING INSPECTION TO REPORT RESULTS OF TEST BORINGS. VINCENT DEPASS REVIEWING REPORTS TO DETERMINE NOTIFICATION COMPLIANCE. MAY TEST FOR PCB'S AND OIL.

11/17/94: REASSIGNED FROM SIGONA TO ENGELHARDT ON 11/17/94.

6/18/98: property sold to KeySpan Energy, which retains responsibility for remediation. (JHO)

4/14/11 – J.kann – DEC lead changed to J.Kann.

Map Identification Number 38 **TRANS CANADA RAVENSWOOD LLC**
 38 – 54 VERNON BLVD

LONG ISLAND CITY, NY

Spill Number: 1205114

Close Date:
TT-Id: 520A-0275-838

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
 Revised zip code: 11101

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name:
 DEC Investigator: HRPATEL

Spiller: TRANS CANADA
 Notifier Name:
 Caller Agency:
 Contact for more spill info: GREG PRYOR

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (718) 706-2863

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
08/21/2012		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL		PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

excavation on historic spill – cleanup pending

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 39 **TRANSCANADA RAVENSWOOD**
 38-54 VERNON BLVD

LONG ISLAND CITY, NY

Spill Number: 1108727**Close Date:**
TT-Id: 520A-0269-295

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
 Revised zip code: 11101

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name:
 DEC Investigator: JKKANN

Spiller: GREG PRYOR – TRANSCANADA RAVENSWOOD
 Notifier Name:
 Caller Agency:
 Contact for more spill info: GREG PRYOR

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (718) 706-2863

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/11/2011		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL, GROUNDWATER

Caller Remarks:

historical spill – cleanup in progress

DEC Investigator Remarks:

10/17/11– Site assigned to J.kann

10/17/11– J.Kann – visited site on 10/13. Excavation open for a sewer line repair. product clearly on the groundwater surface.
 Appears to be weathered fuel oil no. 6.

10/17/11 – J.Kann – recvd lab results from Transcanada indicating that the oil in the excavation is no. 6 fuel oil.

10/18/11: J.kann – edoced lab data.

11/4/11: J.Kann – received call from Greg Pryor of Transcanada requesting direction on how to move forward. Discussed this with Linda. Prepared a draft letter for Linda Ross' review on November 4.

5/29/12: J.kann – priority p0 assigned, need to review files before a proper assessment can be given.

Map Identification Number 40 **TRANS CANADA-RAVENSWOOD**
 3854 VERNON BLVD

LONG ISLAND CITY, NY

Spill Number: 0905194**Close Date:**
TT-Id: 520A-0229-507

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name:
 DEC Investigator: JKKANN

Spiller: JOHN SPAGNOLO – TRANS CANADA
 Notifier Name:
 Caller Agency:
 Contact for more spill info: JOHN SPAGNOLO

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (718) 706-2873

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/04/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
LUBE OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	

Caller Remarks:

DUE TO UNK REASONS ABOUT 10 GALLONS OF LUBE OIL SPILLED TO THE EAST RIVER, A BOOM HAS BEEN DEPLOYED.

DEC Investigator Remarks:

08/04/09–Hiralkumar Patel.

1:01 PM:– spoke with John. they observed oil sheen in river. Kens marina has deployed booms. currently investigating source.

08/05/09–Hiralkumar Patel.

10:21 AM:– spoke with John. he didn't know anything and transferred to Kevin's voicemail. left message for Kevin.

TransCanada
 Ravenswood Generating Station
 38-54 Vernon Blvd.
 Long Island City, NY 11101
 Attn: Kevin Fennessey
 PH. (718) 706-2773 (O)
 (347) 461-0004 (C)
 email: kevin_fennessey@transcanada.com

10:41 AM:– received call from Kevin. currently they are investigating in the area of lube oil coolers. no source has found yet.

Kevin will call once source found. no more oil/sheen observed in water.

08/06/09–Hiralkumar Patel.

10:09 AM:– left message for Kevin.

2:42 PM:– received call from Kevin. they haven't found source yet. sheen has observed again in water in patches. sheen coming out from main outfall at their facility. booms are in place. they are investigation two possible sources: first lube oil system and second historic transformer oil leak under transformer (where some contamination was left in place under transformer and that could be leaching into water). Kevin collected water sample for product id.

08/14/09–Hiralkumar Patel.

9:17 AM:– left message for Kevin.

08/26/09–Hiralkumar Patel.

1:44 PM:– spoke with Kevin. they got samples results from lab but inconclusive (whether lube oil or transformer oil). they sent second set of samples. sheen/oil is visible particularly during low tide.

08/27/09–Hiralkumar Patel.

1:20 PM:– visited site. met Kevin. no sheen observed at the outfall. booms were at the outfall. Kevin mentioned that oil droplets/sheen is observed during low tide. Kevin mentioned that as first set of sample analysis came back inconclusive, they sent sample of clean boom and dirty boom for analysis to find out product type, but it also came back inconclusive. Kevin mentioned that water tunnel runs next to transformer where spill was reported in 1999 (spill #: 9900155). they found cracks in tunnel wall towards transformer and found some oil coming into tunnel. asked Kevin to send sample analyticals.

3:58 PM:– received email from Kevin with sample analyticals.

11/02/09–Hiralkumar Patel.

11:23 AM:– left message for Kevin to know any more oil from outfall.

3:14 PM:– received call from Kevin. from product sample, they found oil could be cable oil or transformer oil and based on this result, they are doing further investigation. as part of investigation, they sent divers inside tunnel to inspect area where spill happened in 1999, but no sign of leak found there. during further inspection in north end, found sign of oil on tunnel ceiling, in area under one of the transformer. Kevin mentioned that transformer in this area is not in direct contact with tunnel, but there is a basement room between transformer and tunnel. they collected sample of bluestone from underneath transformer to locate any spill that might be travelling along basement wall to the tunnel. asked Kevin to send email with details and results of bluestone analysis, once available.

11/03/09–Hiralkumar Patel.

10:10 AM:– received email from Kevin. still some sheen coming out at frequency of 1–2 drops per minutes, during ebb or low tide. divers were sent in tunnel on 10/21/09 and 10/22/09 to inspect for any leaks and/or traces of oil. no indications of leakage from ConEd's Vernon Substation, which borders on the discharge tunnel's east wall on the south side of facility. crack repairs to the east wall of the tunnel in the vicinity of Unit 10 in 1999 are in good condition and no indication of leakage. no piping or penetrations from Unit 10 show indication of oil discharge to the tunnel. as sheen was coming from upstream of Unit 10, inspected areas under Unit 20 and Unit 30. one crack in the ceiling of the tunnel under a Unit 20 transformer was identified, but inspection of the transformer did not indicate any leakage or spilled oil. some droplets of oil were found under the Unit 30 transformers. ceiling of the tunnel in the area was surveyed, but no leakage path was identified. there is basement underneath

Unit 30 and basement floor is tunnel's ceiling.

Unit 30's two transformers – 3 North and 3 South – were cleaned thoroughly on 10/26/09 and 10/27/09 to ensure that no oil was leaking and feeding the spill. during the cleaning process, it was identified that any liquid in the 3 North transformer bay tended to run off into a bluestone/soil area on the south end of the enclosure. soil samples were taken from this area to determine if there is any oil contamination of the soil.

Divers will be returning on Wednesday, 11/4/09 to perform a more detailed inspection of the west wall and ceiling in the vicinity of Unit 30. two objectives of this dive will be to: 1) collect samples of the oil, if possible, for laboratory analysis and 2) identify an intrusion path for oil into the discharge tunnel.

11/13/09–Hiralkumar Patel.

11:05 AM:– spoke with Kevin regarding soil sample result and result of dive on 11/04/09. Kevin mentioned that there is some contamination found in soil sample and are planning to excavate it. no schedule yet. also there was no oil found during dive on 11/04/09. asked Kevin to send email with updates and soil sample result. also asked to send contact info of person who will receive letter from the department.

11/16/09–Hiralkumar Patel.

9:51 AM:– received email from Kevin including results of soil sample from bluestone area. another dive event was conducted on November 4, 2009 in the vicinity of Unit 30, where traces of oil had been sighted during the previous dive event on October 22. November 4 dive did not locate any traces of oil or identify any likely sources of leak into the discharge. soil sample was collected from area within the 3 North transformer bay and was analyzed for petroleum ID and TPH. results indicate that there is contamination of the soil by transformer oil.

Kevin mentioned that they are planning to vacuum excavate the soil from this area with samples for TPH at each foot of depth to determine the extent of the contamination. surface samples will also be taken in the other bluestone areas within the 3 North and 3 South transformer bays.

11/18/09–Hiralkumar Patel.

11:39 AM:– sent letter to Kevin requiring endpoint samples. letter emailed to Kevin.

11/24/09–Hiralkumar Patel. received email from Kevin (at 4:37 PM on 11/23/09). will excavate two test pits in the 3N transformer bay on 11/24/09 and sample the soil at depth intervals to determine the spread of oil contamination.

12/07/09–Hiralkumar Patel.

9:05 AM:– received call from Kevin. they have started removing blue stones from 5 ft wide by 10 ft long pit underneath radiator for transformer 3N. bluestones are upto 7 ft depth and then soil down to bedrock. Kevin is expecting contaminated soil below bluestone and this contaminated soil is along west sidewall of tunnel. asked Kevin to remove contaminated material upto feasible limit and then to collect endpoint samples. informed Kevin that the department may require additional investigation based on results of endpoint samples.

12/16/09–Hiralkumar Patel.

9:16 AM:– received email from Kevin with pics and updates. Kevin mentioned that there are multiple bluestone "pits" between the concrete beams that support the transformer radiator. the beams are about 7 feet deep, and excavation has extended just past the bottom of them and encountered the water table. the primary material in the excavation at this point is still bluestone. to

extend the excavation down into soil, they will need to undermine the concrete beams and so they have contracted BGA Engineering to develop an excavation plan to progress further. Kevin has spoken to DEC Selvin Southwell concerning dewatering the excavation for further work. because the remaining material to be excavated is largely below the water table, a significant amount of dewatering will need to be done in conjunction with the dig. Kevin is thinking of setting up an oil/water separator and carbon filter system to treat the water removed from the excavation and discharge that water to their circulating water discharge, SPDES Outfall 001. Kevin is waiting for response from DEC Southwell.

01/22/10–Hiralkumar Patel.

3:30 PM:– spoke with Kevin. he is waiting for dewatering plan from his engineer and will call back with updates next week. they are planning to treat water on-site and put water back into site. he is discussing this option with DEC Southwell.

01/28/10–Hiralkumar Patel. received email from Kevin (at 4:09 PM on 01/27/10) with evaluation report from BGA engineering. they hired BGA Engineering LLC, to evaluate the excavation under the 3 North Transformer. BGA engineering indicated that the safest option for both personnel and equipment is to limit the excavation to 9.0 ft below grade surface and install a pump-and-treat system to remediate oil from the soil. Trans Canada is working to establish a treatment system that will allow them to discharge the water that is removed from the excavation. will place a pump in the low point of the excavation for dewaterin. will install a monitoring well in each of the spaces between the concrete beams supporting the transformer radiator, where possible. there are two such spaces where monitoring wells are not possible – one is blocked by an east-west concrete cable duct, and the other by the support structure for the concrete beams. once monitoring wells are in place, will install a pumping system to remove groundwater from the wells for treatment and discharge. this pumping-and-treatment system will include two sampling ports – one prior to treatment, to monitor the reduction in contamination levels; the second will be post-treatment to verify that the effluent meets the standards for discharge to surface waters.

02/09/10–Hiralkumar Patel.

3:03 PM:– left message for Kevin and asked him to submit formal RAP. also informed him that case may be transferred to remediation group.

3:09 PM:– discussed case with DEC Austin for possible transfer. Austin asked to find out level of PCB contents in oil and complete delineation of soil contamination before case transfer.

3:23 PM:– sent email to Kevin requiring to submit PCB data and report on soil delineation by end of 02/19/10.

02/11/10–Hiralkumar Patel. received message from Kevin (at 2:52 PM on 02/10/10).

3:42 PM:– spoke with Kevin. he mentioned that they collected surface dirt sample under transformer and found 1.5 ppm PCBs in it. and this transformer 3N is currently containing oil with 5 ppm PCB. but it contained more PCB oils in past and deeper soil might have more PCBs. Kevin mentioned that to sample soil, they have to dig two more feet of bluestones (to depth of 9 ft bg) and pump out large amount of water (as water is at 7 ft bg). some sheen observed on water in excavation, but no sheen observed at outfall of tunnel into river since Nov. 2009. Kevin mentioned that they can install borings outside of tranformer bed for soil delineation. asked Kevin to submit site map showing transformer bed, dimension of bluestone area and distance between transformer 3N and shoreline.

02/23/10–Hiralkumar Patel.

3:36 PM:– received maps from Kevin. as per scaled site map, transformer 3N is about 190 ft away from river. Kevin submitted map showing areas where borings are possible to delineate contamination horizontally.

03/01/10–Hiralkumar Patel.

2:56 PM:– left message for Kevin.

03/29/10–Hiralkumar Patel.

3:36 PM:– left message for Kevin inquiring about soil delineation work.

03/30/10–Hiralkumar Patel.

3:15 PM:– received call from Kevin. due to another larger spill on the facility (spill #: 0912294), Kevin was not able to work on this case, but now they are looking for bids for soil delineation work under this spill. they are planning to install soil borings in last week of Apr. 2010.

04/29/10–Hiralkumar Patel.

3:33 PM:– received email from Kevin. they hired Tetra Tech to perform the delineation work outside the 3N Transformer bay. tomorrow, they will do utility clearance and vacuum excavation in some of the locations. geoprobe will be mobilized to site to start soil sampling on Monday 5/3.

06/23/10–Hiralkumar Patel.

4:43 PM:– sent email to Kevin to submit updates by end of 06/25/10.

06/25/10–Hiralkumar Patel. received email from Kevin (at 9:20 AM on 06/24/10) with updates. they conducted an initial investigation with Geoprobe borings in eight (8) locations. most of the borings exhibited minimal traces of product in the soil except two of the borings (TWB–7 and TWB–8) contained free product layers several inches thick. these two borings are close to the discharge tunnel. will do further delineation. Kevin mentioned that this week he received the proposal from the contractor on the supplementary scope of work. he will issue approval by next week, and expect to commence work within two weeks following that. at the completion of this work, there will be at least nine (9) monitoring wells installed:

- six (6) 2" diameter monitoring wells (RV–101, RV–103, RV–105, RV–106, RV–108 and RV–109) and
- three (3) 4" diameter recovery/monitoring wells (RV–102, RV–104 and RV–107)

Kevin proposed to submit final investigation report in week of August 30. once they have the 4" recovery wells installed at RV–102, RV–104 and RV–107, will attempt product removal using Vacuum Enhanced Fluid Recovery (VEFR). based on product volumes and recharge, they will evaluate other recovery methods.

10:50 AM:– left message for Kevin to submit report on recent delineation work.

discussed with DEC Austin, who asked to start VEFring immediately as an interim measure.

06/25/10–Hiralkumar Patel.

2:14 PM:– received email from Kevin with boring logs and analyticals. eight borings were installed to depth of 17 ft bg. found free product in TW–7 and TW–8. boring logs shows fill material and sand. no indication of clay layer which could be cause of 4 ft of product in TW–8.

06/28/10–Hiralkumar Patel.

12:33 PM:– spoke with Kevin regarding product in wells. Kevin mentioned that there are no wells at the site yet and they measured product in boring only. will install wells at all previous boring locations and some additional wells for delineation purpose. Kevin mentioned that he will submit preliminary data by end of July, 2010.

07/27/10–Hiralkumar Patel.

9:47 AM:– received email from Kevin. last week they completed borings at three locations south of the area sampled in May. as per Kevin, none of the three locations showed evidence of liquid phase product contamination. based on this finding, they believe that it is a stable pocket against the west wall of the discharge tunnel structure and it does not appear to be mobile. Kevin mentioned that tomorrow and thursday (07/28/10 and 07/29/10) they will complete the installation of three 4" recovery/monitoring wells and six 2" monitoring wells. the 4" wells will be installed first, and once they're in place, will use a vacuum truck to recover as much product out of those wells as possible.

09/09/10–Hiralkumar Patel.

10:36 AM:– spoke with Kevin. he mentioned that contractor is working on report and will submit report by end of 09/17/10.

09/23/10–Hiralkumar Patel.

12:33 PM:– received email from Kevin with report. abstract:

- generating station at the site consists of two main structures – the building housing Generating Units 10, 20 and 30 and the Combined Cycle Unit building (Unit 40)
- transformer 3N is located on the west side of the Generating station building, adjacent to Unit 30
- total of 11 soil borings (TWB–1 through TWB–11) were advanced to refusal (top of bedrock), which varied from 14 to 20 ft bg
- borings were located between the transformer 3N location and the East river, and extended to the north and south
- general soil profile for the generating station consists of soil fill forming the upper–most stratum, which is underlain by a fine to medium, brown to gray sand with various amounts of silt and gravel, to the top of bedrock
- total of 30 soil samples, including duplicates, were collected from 11 borings
- all samples from TWB–1 through TWB–8 were analyzed for TPH, and those samples with the highest TPH concentrations from each boring were analyzed for BNA and GC fingerprinting
- samples from TWB–9 through TWB–11 were analyzed for DRO and GRO, and those with the highest total DRO plus GRO from each boring were analyzed for BNA
- wells were installed at boring locations TWB–1 through TWB–8, with 10 ft of screen
- tidal survey for conducted for 24 hours
- with the exception of one foot tidal variation observed in TWB–1, there was no discernable tidal influence on groundwater
- depth to groundwater in the vicinity of transformer 3N is approx. 6 to 12 ft bg
- wells were installed as either 4 inch recovery wells or 2 inch monitoring wells
- free product found in TWB–7 (0.21 ft) and TWB–8 (4.19 ft)
- groundwater samples collected from wells were no product found
- product was VEFERred from wells
- fingerprint analysis confirmed that product found in wells was similar to product collected from transformer 3N

report missing appendix B.

1:36 PM:– sent email to Kevin and asked him to submit missing appendix B.

received email from Kevin. as appendix B is large in size, he will ask contractor to submit entire report in CD.

after discussing with DEC Austin, case transferred to DEC Vadim due to free product on water.

10/7/10 – re-assigned from Brevdo to Joe O'Connell (JOC)

04/13/11 – J.kann – lead changed to J.Kann.

Map Identification Number 41**RAINEY PUMP HOUSE FLOOR & A-HOUSE-RAVENSWOOD**

38-54 VERNON BLVD
LONG ISLAND CITY

LONG ISLAND CITY, NY 11101

Spill Number: 0751068**Close Date:**

TT-Id: 520A-0210-291

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
Revised zip code: NO REVISION MADE

Source of Spill: MAJOR OIL FACILITY (>400,000 GAL)
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: JKKANN

Spiller: KEYSpan ENERGY
Notifier Name:
Caller Agency:
Contact for more spill info: KEN YAGER

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (718) 706-2702

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/29/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

see DEC remarks.

DEC Investigator Remarks:

Ken Yager called in this spill to George Breen at the Region 2 office.

Jane,

We have a similar situation with a black ooze on the east wall of

the A-house (below grade). Once again it doesn't amount to any appreciable quantity but we will take a sample and perform a petroleum identification analysis prior to beginning an investigation.

Ken

Jane O'Connell wrote:

>Ken:

>

>What is the source of the oil? Is George's original e-mail correct (that oil is entering via cracks in the floor)?

>

>Jane

>

>Jane H. O'Connell

>Engineering Geologist 2

>NYSDEC Div. of Environmental Remediation

>ph. (718) 482-4973

>fax (718) 482-4043

>

>

>

>>>>Kenneth Yager 10/31/07 8:54 AM >>>

>>>>

>>>>

>Jane,

>

> The oil was cleaned up immediately with pads. We went yesterday and

>attempted to get a sample. Since it is only a film, we could only

>collect a wipe sample. This should be extractable and oil should be

>able to be isolated and analyzed. Once we know what type of oil it is

>we will inform you and proceed from there.

>

> Ken

>

>Jane O'Connell wrote:

>

>

>

>>Ken:

>>

>>I apologize for not getting back to you yesterday – I am on jury duty this week. Please note that unless the oil you discovered was cleaned up within 2 hours, it would be reportable to our Hotline. Likewise, if you find that it is oil that is coming in from an unknown source, it is also reportable.

>>
>>Thanks.
>>
>>Jane H. O'Connell
>>Engineering Geologist 2
>>NYSDEC Div. of Environmental Remediation
>>ph. (718) 482-4973
>>fax (718) 482-4043
>>
>>
>>
>>
>>>>>George Breen 10/30/07 8:58 AM >>>
>>>>>
>>>>>
>>>>>
>>>>>
>>Jane,
>>
>>Ken Yager called from Ravenswood to tell us that he noticed a small amount of an unknown oily substance on the floor of the pump room at the Rainey Substation.
>>
>>The quantity was too small for him to get a sample. The quantity was not large enough to report to the Hot Line.
>>
>>Ken will take another look today. He wonders whether the substance could be dielectric fluid that entered on high ground water via cracks in the floor.
>>
>>Ken is at 718 - 706 - 2702.
>>
>>
>>
>>
>
>**** For your information: KeySpan is now part of National Grid.****
>
>
>*****
>This e-mail and any files transmitted with it, are confidential to National Grid and are intended solely for the use of the individual or entity to whom they are addressed. If you have received this e-mail in error, please reply to this message and let the sender know.
>
>

06/22/10 - changed Lead DEC to JMOCONNE (JOC)

04/14/11- J.Kann – DEC lead changed to J.Kann

5/29/12: J.kann – priority p0 assigned, need to review files before a proper assessment can be given.

Map Identification Number 42 **STAINED SOIL ALONG SOUTH SIDE GT-1 –RAVENSWOOD** **Spill Number: 0711505** **Close Date:**
 38-54 VERNON BLVD. RAVENSWOOD LONG ISLAND CITY, NY TT-Id: 520A-0210-418

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: FRANK MACINTOSH – RAVENSWOOD POWER STATION Spiller Phone: (718) 706-2753
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: JKKANN Contact for more spill info: FRANK MACINTOSH Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/31/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
LUBE OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Less than one gallon of material released onto concrete in the GT enclosure. Unknown cause. Clean up is completed.

DEC Investigator Remarks:

During MOSF inspection on 1/31/08 Kevin Fennessey and I were walking back to his office from Unit 40, when I spotted stained concrete and soil beneath the south side of the GT-1 unit on the road between the plant entrance and Kevin's office. I asked Kevin to call it in. It has the appearance of an on-going drip of long duration, similar to the appearance of a garage floor.

06/22/10 – changed Lead DEC to JMOCONNE (JOC)

5/9/12 : J.Kann – visited site on 3/22. Photographed area of GT-1. Discussed site at closure meeting. Panel rejected closure until surface soils were collected. Discussed further with Joe (he was not at closure meeting). Surface appears to be asphalt. Realize now that southern portion of GT-1 was not observed, the north side was photographed. Will need to revisit site.

Map Identification Number 43**GS – BOILER HOUSE A-RAVENSWOOD**

3854 VERNON BLVD

LONG ISLAND CITY, NY

Spill Number: 0708553**Close Date:**

TT-Id: 520A-0210-277

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: JKKANN

Spiller: NOT IDENTIFIED

Notifier Name:

Caller Agency:

Contact for more spill info: KEN YAGER

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (718) 706-2702

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
11/06/2007		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

THEY HAVE NO PRODUCT LOSE AT THIS TIME; DEC REP. WAS ON SCENE 11/05/07 AND SAID JUST TO PUT IT ON RECORD UNTIL SOURCE AND CAUSE ARE FOUND;

DEC Investigator Remarks:

11/5/07: During site visit at Steah House with KeySpan (Ken Yager), there is evidence of oil seeping through east wall of steam house in area where piping comes in. Will contact KeySpan (Pat Van Rossem) regarding investigation of source. There are fuel pipes in vicinity that feed the steam house – may be residual from old leak. See eDocs for photo. (JHO)

11/27/07: phone call from Ken Yager and Kevin Fennessey – no change in status. Sent e-mail to Pat Van Rossem: "Back on November 5, I visited the site with Ken Yager and saw evidence of oil seeping through the eastern wall of the steam house (photo

attached). This is in the general vicinity of the fuel oil pipe that feeds the steam house. Please prepare and submit to me a brief work plan to conduct investigation on the outside of the wall to assess the source and extent of contamination in this area. This work plan should be submitted by the end of the year. If that time frame is not workable, please propose an alternate schedule for submittal."
(JHO)

12/3/07: reply e-mail from KeySpan (Van Rossem): "I will speak with Ken this week and let you know how we propose to proceed."
(JHO)

12/11/07: e-mail from KeySpan (Van Rossem): "For the requested investigation work scope, we propose to use an env. contractor to open an approximately 4 foot by 4 foot wide excavation to inspect the soil conditions just outside this area of the Boiler House. The contractor will likely use a guzzler to do the excavation to avoid damaging utilities. Petroleum ID and TPH samples will be collected as necessary. The Plant would like to start this work in January." (JHO)

12/19/07: e-mail to KeySpan (Van Rossem): "I'm going to need something a little more substantial in terms of a work plan (i.e., following guidance of DER-10, section 3.3). I recognize this is a rather small-scale investigation, but you still need to lay out some specifics in a formal work plan (i.e., site plan/sketch showing test pit locations, sampling frequency and methodologies, QAQC for samples, etc.)." (JHO)

1/15/08: E-mail from KeySpan (Van Rossem): "I've asked PS&S to provide a work scope to me per your request. I am aiming to get you something by the end of next week." (JHO)

1/30/08: E-mail from KeySpan (Van Rossem): "PS&S suggested bringing a contractor to the Site first before providing us the letter work plan for review. The contractor visit is today and the work plan should follow shortly." (JHO)

2/6/08: Proposed Investigation Work Plan prepared by PS&S submitted by KeySpan (Van Rossem). (JHO)

2/11/08: e-mailed comments on work plan to KeySpan (Van Rossem):

1. How was depth of 6 feet for test pits determined? What is depth of building foundation? Test pits should extend to water table, if deeper than 6 feet.

2. Test pits should be logged and photo documented as per DER-10 section 3.5.2(g).

3. Section 2.4 Waste Management – No definition is supplied for the term "significantly impacted". No soil displaying visual or olfactory evidence of contamination, or PID readings above background, may be used to backfill the test pits.

4. I would suggest you consider an IRM to be conducted concurrently with the investigation, assuming the test pits reveal a limited area of contamination. (JHO)

2/25/08: Revised redline SIWP addressing comments e-mailed from KeySpan (Van Rossem). See eDocs.(JHO)

2/27/08: Sent e-mail to Van Rossem: "The revisions are generally acceptable, however the test pit logging section should specify that PS&S will follow the requirements in DER-10 (my apologies – the correct citation should be DER-10 section 3.5.1(a)(2)). Soil descriptions should be done using the NYSDOT soil classification system, not the USCS as specified in the proposed work plan."

(JHO)

3/4/08: Final revised SIWP submitted. See eDocs. (JHO)

3/6/08: Conditional SIWP approval letter sent to KeySpan. Conditions relate to sampling frequency. See eDocs. (JHO)

6/21/10 – changed Lead DEC to JMOCONNIE (JOC)

4/13/11 – J.Kann – lead changed to J.kann

Map Identification Number 44 **POWER STATION-RAVENSWOOD**
 38-54 VERNON BOULEVARD

Spill Number: 0611497
 LONG ISLAND CITY, NY

Close Date:
 TT-Id: 520A-0133-750

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Spiller: DAN O'DONNELL – KEYSpan
 KEN YAEGER – TRANSCANADA POWER

Spiller Phone: (718) 706-2753

Notifier Type: Responsible Party

Notifier Name:

Notifier Phone:

Caller Name:

Caller Agency:

Caller Phone:

DEC Investigator: JKKANN

Contact for more spill info: DAN O'DONNELL

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/16/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

WHILE EXCAVATING CAME UPON SPILL IT COULD BE HISTORIC: NO SOURCE

DEC Investigator Remarks:

1/16/07: onsepected excavation with KeySpan (Ken yager) – small area of visibly stained soil on northwest corner of excavation.
Told Yager to remove visible contamination. (JHO)

5/24/07: e-mail to KeySpan (Yager) requesting update on status of incident. (JHO)

06/18/10 changed Lead DEC from Krimgold to Joe O'Connell (JOC)

04/14/11– J.Kann – lead changed to J.Kann

Map Identification Number 45

TUNNEL –RAVENSWOOD
RAVENSWOOD TUNNEL

QUEENS, NY

Spill Number: 0110822

Close Date:

TT-Id: 520A-0133-864

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name: MARK SCHLAGEL
DEC Investigator: JKKANN

Spiller: UNK
Notifier Name: MRS JONES
Caller Agency: CON ED
Contact for more spill info: MARK SCHLAGEL

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 580-6765
Contact Person Phone: (212) 580-6765

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/12/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

4 gals unk material – seeping through walls and floors of tunnel

jane o'connell from dec was on scene

ref to con ed #141322

material is a black oily substance

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

E2MIS #141331

02-FEB-2002

At 16: 10 L. Jones #13917 of EH&S reports approximately 4 gallons of a black oily substance has oozed through the tunnel wall of the Ravenswood tunnel and is on the concrete floor. The spill did not enter any sewers, waterways or sub-surface structures. There was no fire or smoke. The spill was discovered while remediating another spill.# 141322. The spill is a HISTORICAL spill and there is no equipment causing this substance spill. Cleanup has not begun as yet. L. Jones reports she called CIG Schlagel, and ERT Capune at 16: 25.

O'Connell notes: The above description is not accurate. The spill was not "discovered" today. It has been on-going for many years, according to Vic Basso, Gas Ops EH&S. The only reason it was reported was because DEC observed the oil seeping in and asked why it had not been reported previously. The tunnel drains to a sump, which is pumped up to the oily-water separator. The sump was found to contain an old absorbent boom, which had become so saturated with oil and water that it had sunk and was no longer serving any function. In addition, Con Ed personnel had previously placed absorbent pads on the tunnel floor near the seepage points, but many were saturated with product. Con Ed was instructed to have all of the oily pads removed and replaced, and to have the boom removed and replaced, as well. Samples were requested to be taken from various seepage points and run for oil ID GC/MS. There were at least 10 locations where oil was observed. (JHO)

06/03/02

Report updated to reflect Lab report showing Oil ID (LSN02-01520) of black material seeping into the tunnel was emailed to DEC on 4/18/02. Chromatograms were also faxed on 4/18/02.

Lab Report is as follows:

Lab Sequence Number: 02-01520-001

Date Approved: 2/27/2002

Aroclor 1262 < 134 ug/Kg EPA 608/8082

Aroclor 1268 < 134 ug/Kg EPA 608/8082

Aroclor 1242 < 268 ug/Kg EPA 608/8082

Aroclor 1232 < 134 mg/Kg EPA 608/8082

Aroclor 1221 < 134 mg/Kg EPA 608/8082

Aroclor 1016 < 134 mg/Kg EPA 608/8082

Aroclor 1248 < 134 mg/Kg EPA 608/8082

Aroclor 1254 < 134 mg/Kg EPA 608/8082

Aroclor 1260 < 134 mg/Kg EPA 608/8082

OIL ID ANALYSIS INDICATES THE PRESENCE OF A SUBSTANCE SIMILAR TO DEGRADED CREOSOTE.

4/23/03: visited site with Kerry Foley and Gardiner Cross (DEC), Pat Van Rossem (KeySpan), Lima Jones (Con Ed) and KeySpan's consultant (Foster Wheeler). G. Cross has expertise in investigation and remediation of MGP sites. Recent findings in deep wells on KeySpan's property indicate that there is mobile tar in the fractured bedrock at a depth of approx. 67 feet below grade (monitoring well MW-12 cluster). The tunnel is over 100 feet deep. After inspecting the tunnel, G. Cross concluded that the material observed seeping into the tunnel is MGP tar. KeySpan was told that they will need to install additional wells to the depth of the tunnel in order to assess the extent of the contamination. (JHO)

11/13/03: spill submitted for closure by Con Ed. Request rejected, with following note: "Remains open pending investigation." (JHO)

4/7/05: following request by DOH, Con Edison completed air sampling in the tunnel to assess worker exposure. The following e-mail from Janet Fox, Con Ed, was sent to DEC and DOH: "Attached is the report on the air monitoring that was conducted at the Ravenswood Tunnel in the summer of 2004. Clayton Environmental did the sampling. Analysis for PNAs was done by the Clayton Lab in Novi, Michigan. The summa canisters were analyzed by Columbia Analytical Services in California. Analytical results for both VOCs and PNAs were unremarkable. A number of VOCs were detected in each of the samples but the levels of all compounds identified were in the low ppb or micrograms per cubic meter range. The samples also contained low levels of some of the MGP marker compounds. The complete results and discussion are attached. Jane, please let me know if this will suffice to close out the open spill item for Ravenswood in the Con Edison Spill Report." See eDocs for lab results. (JHO)

4/25/05: E-mail response to Janey Fox: "This spill cannot be closed since the source is still under investigation, though I suspect that the responsibility for the spill will be transferred to KeySpan at some point. Also, I'm still waiting to hear from DOH with their opinion on the air sampling results. What is the status of the utility clearance effort by Con Ed for the KeySpan drilling effort?" (JHO)

1/25/07: Con Ed sends another request for closure, as follows: "This spill should be transferred to KeySpan since they bought the Ravenswood property and are now responsible for any contamination in their ground. The source of this contamination is from the area outside the tunnel shaft and it is oozing into our tunnel." Sent response to Richie Lund: "Responsibility for the investigation and remediation of this spill has been effectively transferred to KeySpan. However, because the spill was reported by Con Ed, it still shows up on the list of spills for you when I run the query. I can state that Con Ed has no requirement at this time to remedy the spill, other than to maintain a clean and safe work environment in the tunnel for any utility workers that enter, and to prevent any of the material in question from entering the sump area." (JHO)

6/21/10 – changed Lead DEC to JMOCONN (JOC)

4/14/11 – J.kann – DEC lead changed to J.Kann.

Map Identification Number 46 **POWER PLANT-RAVENSWOOD**
 3854 VERNON BLVD

QUEENS, NY

Spill Number: 0108018**Close Date:**
TT-Id: 520A-0132-757

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Spiller: KEN YAEGER – TRANSCANADA POWER
SAME

Spiller Phone:

Notifier Type: Responsible Party

Notifier Name: RAVENSWOOD POWER PLANT

Notifier Phone:

Caller Name: STEVEN ZAMBORI

Caller Agency: KEYSpan

Caller Phone: (516) 545-4007

DEC Investigator: JKKANN

Contact for more spill info: TONY ZICINANZA

Contact Person Phone: (718) 706-2875

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/07/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	1000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

fule was found in an excavation...

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

7/18/03: call from Dom DiGiorgio – new excavation opened in vicinity of original excavation – found oil. On site with DiGiorgio, Jim Marzonie (KeySpan) – excavation is between original excavation and fuel oil pump station (southeast corner of new plant). Excavation is for tie-in to existing water main. Hole is approx. 5 feet deep, 10' x 15' with thin layer of oil on top of water. MEG to be on-site on Monday with tanker truck to clean up. (JHO)

06/18/10 changed Lead DEC from Krimgold to Joe O'Connell (JOC)

4/13/11 – J.Kann – spill reassigned to J.kann.

Map Identification Number 47**–RAVENSWOOD**

3854 VERON BLVD

LONG ISLAND CITY, NY

Spill Number: 0102768**Close Date:**

TT-Id: 520A-0132-918

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Spiller: UNKNOWN

Spiller Phone:

Notifier Type: Other

Caller Name: ERIC HAHN

DEC Investigator: JKKANN

Notifier Name: ERIC HAHN

Caller Agency: KEY SPAN

Contact for more spill info: ERIC HAHN

Notifier Phone: (718) 706-2753

Caller Phone: (718) 706-2753

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/13/2001		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

sheen is infront of callers property

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"

06/18/10 changed Lead DEC from Krimgold to Joe O'Connell (JOC)

4/14/11 – J.kann – DEC lead changed to J.Kann.

Map Identification Number 48**VERNON SUBSTATION**

VERNON BLVD & 41ST AV

QUEENS, NY

Spill Number: 0502104**Close Date:**

TT-Id: 520A-0130-552

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2575 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 11101

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: CHRIS SHIKARIVES

DEC Investigator: JMOCONNE

Spiller: ERT DESK – CON EDISON

Notifier Name: CHRIS SHIKARIVES

Caller Agency: CON ED

Contact for more spill info: ERT DESK

Spiller Phone: (212) 580-8383

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-8383

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/21/2005		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

200 GAL DIELECTRIC FLUID UNACCOUNTED FOR AT FEEDER #31282. CON ED IS INVESTIGATING.

Leak declared at 1715, rate of leak 1 gallon per minute.

5/22/05: Leak pinpointed @ intersection, clamped @ 0615. 158710

DEC Investigator Remarks:

158710.000

21-MAY-2005 1720 HRS. NICHOLAS CAPOLARELLO RECEIVED NOTIFICATION FROM TONY ROTOLA, @ VERNON SUB STATION. MR ROTOLA REPORTED WHILE TAKING HIS STATION READINGS, A DISCREPANCY OF 200 GALS OF DIELECTRIC FLUID WAS INDICATED ON FEEDER 31282 "M"-LEG. THE ENERGY CONTROL CENTER OPERATIONS VERIFIED THE INDICATION AND A LEAK HAS BEEN DECLARED, OF APPX 200 GALS OF DIELECTRIC FLUID. NO SEWERS, WATERWAYS, OR PRIVATE PROPERTY AFFECTED. THE SOURCE, AND LOCATION OF THE SPILL IS UNKNOWN AT THIS TIME. MR. COPOLARELLO REPORTS THE LEAK DETECTION COMMITTEE IS IN CONFERENCE AT THIS TIME TO DETERMINE A COURSE OF ACTION.

UPDATE 21-MAY-2005 1739 HRS. AS PER S. MARTIS, ERT, LEAK HAS NOT BEEN DECLARED, COMMITTEE IS STILL INVESTIGATING.

Update: Sunday, May 22, 2005 1400 hrs. Per Larry Crilley, Chief Construction Inspector, Transmission Operations, leak was located using PFT tracer by Con Edison Chem Lab. High concentration was detected in vicinity of 21st Street & 40th Avenue at about 0200 hrs on Sunday, May 22nd. Emergency response contractors Manetta and Allstate responded to location and began excavating. Con Edison Corporate Transportation also responded to location. Leak was located on 21st Street about 10–15 North of 40th Avenue. Transmission Operations personnel clamped leak at about 0615 hrs. Allstate continuing to remove contaminated soil. Changed E2mis responsible operation from "Substation Operations" to "Transmission Operations" LParetsky, Transmission Operations.

Update 5/23/05

Sam Arakhan inspected the site of the spill at 11:15 AM on 5/23 and observed that a barrel had been welded over the leak. Con Edison contractors will be excavating all visually contaminated soil as per Leon Paretsky. Chem Lab personnel were on-site to sample fluid contained in an abandoned feeder line adjacent to the leaking feeder. Chem lab personnel will also be taking post-ex samples. (SKA)

Update: Monday, May 23, 2005 1830 hrs

Preliminary estimate of amount of dielectric fluid released is about 300 gal. Removal of contaminated soil continues by Allstate, with support of excavation contractor Manetta. During excavation southward discovered hole in a retired feeder pipe that was below the leaking pipe. Upon review of drawings there appears to be two feeder pipes that were retired and capped that ran for about 1 block along 21st Street from 40th Avenue to 41st Avenue. An unknown oil was in the feeder pipe. The Con Edison Chem Lab obtained a sample of the unknown oil that was in the pipe. The oil will be analyzed for PCBs and Oil ID. It will be compared with the dielectric fluid that was released from the feeder leak – it is possible that the unknown oil that is in the pipe may have accumulated during the leak, or it could be residual fluid in the pipe when the cable and dielectric fluid was removed from the retired pipe section. Access will be made into the second pipe to determine if there is any fluid in the pipe. If there is fluid, a sample will be taken prior to removal of the fluid from the pipe. Any fluid will be removed from both pipes. In addition, because of prior releases in that area, samples of discolored soil was taken from the excavation and will be analyzed for oil ID – to determine if it is contamination from the current leak, or from a prior incident. Chain of Custody for the samples is EE00035. Mr. Samsudeen Arakhan, NYSDEC, Region 2, visited the site at about 1130 hrs, to observe the activities. He was briefed on Con Edison's cleanup plan – to expand the excavation to remove visibly contaminated soil, and then take confirmation cleanup samples. Photos of the excavation were taken and copies will be provided to the Mr. Arakhan, in addition to an updated copy of this e2mis report.

Update:

Friday, May 27, 2005 – 1610 hrs

Additional contaminated soil was removed from excavation. Size of excavation was about 18 feet long, by 10 feet wide, and about 7.5 feet in depth. Oil/water collecting in bottom of manhole was being removed. Steve Callinan reported that at 1500 hrs, during the removal of the coal tar wrap, a small leak/weep developed on the other feeder pipe in the excavation (31282 "L" leg). Additional coal tar wrap was removed to place a clamp on the feeder pipe. Since poly was on the floor of the excavation during the coal tar wrap removal, none of the leaking dielectric fluid was released onto the soil, but all the dielectric fluid was captured on the poly. Steve Callinan reports that an estimated 1/2 gal wa released. The dielectric fluid was cleaned up using absorbent material and placed into a drum.

The excavation was extended to approx. 10' X 18' with a depth of approx 7.5'. Post ex samples were taken by Jacques Whitford on 5/26/05 and we are awaiting the results. Additionally, JW also installed 2 monitoring wells at this location due to upwelling of

groundwater and dielectric fluid into the excavation. The excavation has been backfilled and restored as the size of the excavation prohibited from plating safely. This was discussed with Sam Arakhan of the NYDEC. The wells will be prepared for gauging within the next 10 days. We will gauge once a week for a month to establish a gauging frequency going forward.

Map Identification Number 49 **QUEENSBRIDGE PARK** **Spill Number: 0713178** **Close Date:**
 **VERNON BLVD** **QUEENS, NY** **TT-Id: 520A-0233-823**

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING – LARGE SITE
 Approximate distance from property: 2611 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: 11101

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: SFRAHMAN

Spiller: JOHN KURRE – QUEENSBRIDGE PARK

Notifier Name:

Caller Agency:

Contact for more spill info: JOHN KURRE

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 788-2083

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/13/2008		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

FOUND CONTAMINATED SOIL AT ABOVE ADDRESS DURING BORINGS:

DEC Investigator Remarks:

I called City Parks Dept and left a messege for Ellen Macnow requesting call back regarding the contaminated soil found at the water front.

06/03/08 I spoke with Hose Lopez of NYC Park and told him that additional investigation to delineate the subsurface contamination is needed, specifically horizontal extent of soil & ground water contamination. The previous investigation revealed some voc/svoc in ground water slightly above the TAGM.(sr)

04/24/09 Performed a site inspection this morning. Spoke with Parks Dept Project Manager for Environmental Issues, Mr. Rowland. A CSL requiring remedial investigation & remediation was sent to

NYC Dept. of Parks & Recreation
Olmsted Center
117-02 Roosevelt Street
Flushing, NY 11368
Attn: Marty Rowland, Senior Project Manager for Remediation
(sr)

05/15/09 Rec'd response letter from Chief Engineer, Parks Dept. that indicates that Parks Dept intends to perform subsurface investigation and close tank. Also with DOT, Parks is moving towards a re-alignment of the seawall which will require removals of all subject area soils. The new seawall project is in design and anticipated to begin construction in 2011. (sr)



ACTIVE HAZARDOUS SPILLS – MISC. SPILL CAUSES – EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, AND VANDALISM – IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.
 All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 50**FDR DR & E 71ST ST**

FDR DR / EAST 71ST ST

NEW YORK CITY, NY

Spill Number: 8800521**Close Date:**

TT-Id: 520A-0090-885

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: MR. CRIBBER

DEC Investigator: JMOCONNE

Spiller: CON ED

Notifier Name:

Caller Agency:

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/15/1988		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	500.00	GALLONS	0.00	GALLONS	GROUNDWATER

Caller Remarks:

LINE LEAK.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

04/15/88: NYCFD CONTAINING WITH SAND, DEC (SULLIVAN) RESPONDING ACCOMPANIED BY SIGONA. ABSORBENT SWEEP IN RIVER. EXCAVATION IN PARK WALKWAY.

2/9/89: Letter from FDNY to Con Edison confirming schedule for meeting to discuss a number of petroleum leaks, including this one.

5/10/89: letter from Sigona to Con Ed requesting additional information about this and other spills.

7/21/89: Response letter from Con Ed (Bob Keegan) indicating that leak amount was estimated at approx. 3000 gallons, 15 of which entered the river; thirty-five feet of the pipeline was excavated and replaced; contaminated soil and free oil was removed and backfilled with clean fill.

4/27/95: SULLIVAN SPILL REASSIGNED TO ENGELHARDT. NO RECORD OF SUBSURFACE INVESTIGATION PERFORMED.

3/13/03: TRANSFERRED FROM ENGELHARDT TO O'CONNELL. APPENDIX B SITE NO. 7.

Map Identification Number 51**CON EDISON / MAN**

EAST 73RD ST / FDR DR.

MANHATTAN, NY

Spill Number: 8908944**Close Date:**

TT-Id: 520A-0090-893

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1323 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Local Agency

Caller Name: A SIGONA

DEC Investigator: JMOCONNE

Spiller: VINCENT DEPASS - CON ED

Notifier Name:

Caller Agency: DEC

Contact for more spill info:

Spiller Phone: (212) 460-2273

Notifier Phone:

Caller Phone: (718) 482-4933

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/03/1989		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

WHILE DRIVING TO WORK I NOTICED AN AAA OIL POLLUTION TRUCK WORKING ON THE SIDE OF FDR (NORTHBOUND) AT EAST 73RD ST.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead DEC Field was "O'CONNELL"

CALLER REMARKS (CONT'D): SPOKE WITH MR. ERIKSON OF CON EDISON WHO SAID THE 6" OIL LINE FAILED ON SUNDAY AND WAS DISCOVERED BY A JOGGER WHEN OIL WAS COMING UP THROUGH THE PROMENADE. VINCENT DE PASS (CON ED) CONFIRMED SPILL AND SAID THEY DID NOT REPORT SPILL BECAUSE IT DID NOT APPEAR TO THREATEN ANY WATER.

TRIPLE A REMOVED APPROXIMATLEY 30 TO 60 YARD (MY ESTIMATE) OF OIL SOAKED SAND AND REPAIRED 6" PIPELINE LOCATED APPROXIMATLEY 10 FEET FROM THE EAST RIVER, AND DEPLOYED SWEEP INTO THE RIVER. WORKED ON SPILL FROM SUNDAY (12/3) TO FRIDAY (12/8). (AJS)

11/15/94: REASSIGNED FROM SIGONA TO ENGELHARDT ON 11/15/94.

3/13/03: TRANSFERRED FROM ENGELHARDT TO O'CONNELL. APPENDIX B SITE NO. 7.

Map Identification Number 52**GENERATING STA.-RAVENSWOOD**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9503112**Close Date:**

TT-Id: 520A-0132-803

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Spiller: CON ED
KEN YAEGER - TRANSCANADA POWER

Spiller Phone:

Notifier Type: Responsible Party

Notifier Name:

Notifier Phone:

Caller Name: STEVEN CRIBBIN

Caller Agency: CON EDISON

Caller Phone: (212) 580-6763

DEC Investigator: JKKANN

Contact for more spill info:

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
06/13/1995		EQUIPMENT FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WHITE CAUSTIC		HAZARDOUS MATERIAL	150.00	GALLONS	150.00	GALLONS	SOIL

Caller Remarks:

LEAK FROM PIPE OF STORAGE TANK INTO A MOAT – CLEAN UP CREW ENROUTE – PIPE TO BE REPAIRED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

6/13/95, 2:00 PM – arrived at site. Met Joe Busacca, Calvin Hua, Dom Digiorgio, Bernar Hen (Con Ed). Busacca says pH of the leaking material (called Drewplex 1621) is 13.2. Leak is coming from an elbow of pipe exiting tank bottom. Tank volume is 3000 gallons. Moat is roughly 9' x 18' x 3.5' (4240 gallons). When first noticed leak, there was about 1/4" on the floor – now there is 3". Busacca says leak rate is faster now.

Representative from Advanced Environmental Technologies Corp. (AETC) out of NJ was here at ~11:30 AM. Truck to pump out material will be here in about 2 hours. Tank gauge may be broken.

6/17/10 – changed DEC lead from Krimgold to JMOCONNIE (JOC)

4/14/11 – J.kann – DEC lead changed to J.Kann.

Map Identification Number 53



GEN. STATION–RAVENSWOOD

38–54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9411975

Close Date:

TT-Id: 520A–0132–921

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
Revised zip code: NO CHANGE

Source of Spill: MAJOR OIL FACILITY (>400,000 GAL)
Notifier Type: Responsible Party
Caller Name: TIM SOLICH
DEC Investigator: JKKANN

Spiller: CON EDISON
Notifier Name:
Caller Agency: CON EDISON
Contact for more spill info:

Spiller Phone: (212) 460–4833
Notifier Phone:
Caller Phone: (212) 580–6763
Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Unable or Unwilling RP – DEC Field Response – DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/07/1994		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	39580	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

DURING TRANSFER VIA UNDERGROUND OIL PIPELINE BETWEEN RAINEY TANKS TO #30 BOILER OIL APPEARED IN PARKING LOT. OIL WAS CONTAINED BY CON EDISON PERSONNEL. MEG HIRED AS CLEANUP CONTRACTOR. SIGONA RESPOND

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

12/7/94, 11:30 PM – Met with manager of plant Frank Miscone and Jerry Waller, Shift Supervisor. Oil observed around parking lot adjacent to Vernon Blvd. down to boiler plant approx. 50 – 70 feet from water. Notified USCG that oil appeared to threaten navigable water. USCG said that Con Ed did not notify their office and that they would send a team to respond and a patrol boat.

According to F. Miscone, at 9:15 PM they were pumping oil from Rainey tanks to Gen Station Unit #30. Pressure never developed after startup procedure. They began investigating lack of pressure in the system. At 9:50 PM an employee coming to work noticed oil in the parking lot. The line operates at 750 gpm maximum pump rate.

They did not use this pipeline since last February when oil was shut down for inspection/ hydro test of tanks. At that time lines were drained, purged with No. 2 F.O. and blew the line out with air. Tanks were refilled on Nov. 30.

According to operating room, the tank measures a 39,558 gallon loss due to the leak on the pipeline.

Plant will remain operating on gas until cleanup is complete. (AJS)

12/8/94, 0900: Spill covering large portion of parking lot east and north of GS. Leak is from supply or return line supplying the #30 boiler. MEG (Gaylord Hanson + 20 workers, with 10 more en route) starting cleanup. DEP (Wai Wong) and USCG also on scene.

Small amount of oil (~20 gallons) entered sanitary sewer east of GS by 38th St. gate. None reported at Bowery Bay WPCP. Warned MEG of rain forecast for Saturday night. G. Hanson said he will be excavating interceptor trenches on the west side of the property to prevent the water from entering the river. (CAE)

12/12/94 (Monday) – On Saturday there was very heavy rain which mobilized a lot of the oil that was trapped under heavy equipment and debris, and under the sand that had been spread. The rain lasted 2 to 3 hours and caused MEG to scramble to keep oil out of the river. They dug 3 successive interceptor trenches and pumped the oil/water mixture into the boiler water pond. This pond already had a small amount of oil in it but afterwards there was much more. MEG reported that no oil entered the river. (CAE)

1/12/95 – Have been monitoring the cleanup. Authorized Con Ed to spread bluestone over the areas west of the treatment pond and south of the parking lot/east of the Gen. Station (this was done a couple of weeks ago after inspection of the cleanup in these areas.

Con Ed/MEG made a series of 2 foot deep borings to determine the extent of the migration of oil immediately under the asphalt parking lot. They found no oil in any of these "skin pops". See attached boring network diagram. [NOTE – see eDocs for site maps, etc. (JHO)]

Today I met with Gaylord Hanson. About 19,000 gallons of free product have been removed (not including oil in solid debris). Area looks pretty good. There are 2 drainage drywells that have oil in them (see map). MEG will vac them out but there is probably extensive contamination here that will leach back in. The pipeline repair excavation has been filled back in but more samples taken from the walls before backfill revealed high TPH #s, according to Gaylord, so Con Ed will have to address this.

MEG is putting together a report on the cleanup with recommendations for further investigation/remediation. This is due in a couple of weeks. (CAE)

10/10/97: TRANSFERRED FROM SIGONA TO O'CONNELL.

6/18/98: property and responsibility for remediation transferred to KeySpan Energy. (JHO)

Reviewed "Limited Subsurface Investigation" report submitted by MEG in early 1995. [SEE COPY IN eDOCS] MEG installed a total of 34 "borings" (no deeper than 2 feet below grade) to visually determine if oil had migrated under the asphalt from the initial spill area. No oil was observed in any of the boring locations. (JHO)

8/27/98: Oil sheen/slick noted on puddles in parking lot (spill # 9806585 – closed and cross-referenced to this spill). (JHO)

NOTES FROM DEC # 9901825 (closed and cross-referenced to this spill):

5/21/99 spoke with Dominick DiGiorgio, Con Ed Env. Manager. He believes samples were only collected for TPH, PCB and TCLP hazardous waste determination. Excavation is plated, but not backfilled. Called ERT and requested copy of e2mis report. (JHO)

5/25/99 on site with Georgia Fairweather, Construction manager. Excavation is on generating station property near 38th Avenue gate for installation of water metering equipment. They encountered some contaminated soil. Soil was drummed, and sampled for disposal. No sample was taken for oil ID. Excavation is plated over until Tues 6/1, when excavation will be completed. They will arrange for Chem Lab to be on site to collect sample for oil ID. (JHO)

6/1/99, 1:45 pm – on site. Met with G. Fairweather, who said that Chem Lab tech had been on site earlier, but didn't collect sample because they didn't know what parameters they were analyzing for. Have to call Pat Keelan at Chem Lab to confirm oil ID analysis. (JHO)

7/21/99: e-mail to ERTS requesting lab results. (JHO)

7/28/99 – results received for TCLP waste characterization only. (JHO)

9/1/99 – second e-mail request to ERTs:

"Following requests were originally made on 7/21/99:

1. Con Ed #124-930, DEC #9901825, 5/17/99 – Ravenswood Generating Station. During excavation for installation of new metering for the divestiture contaminated soil was discovered along the east wall of the complex near the 38th Ave. entrance gate. The Department requested samples for oil ID. Have samples been collected for analysis? Specify the sampled medium and the analysis being performed. If analyses are complete, please forward results and an updated e2MIS report." (JHO)

9/2/99 – response from Pat Keelan and ERTs that "oil ID analysis was not requested and arrangements were never made to have the samples taken for ID. If the material is still there we can take the samples anytime." (JHO)

11/7/99 – following additional requests fro clarification from Con Ed, received the following e-mail from Dave Perez (Con Ed ERT): "The oil ID analysis was never requested by Ravenswood station and therefore it was never performed by the Chem Lab. This was indicated in Pat Keelan's [e-mail]....dated September 2, 1999. Your first request for information, received on July 21, 1999 arrived subsequent to the sale of the station. The closing date of the sale was July 18, 1999. Even if the material is still present on the site, since this is no longer Con Edison property, we cannot get a sample. I apologize for the initial confusion, for the delayed response and any inconvenience this may have caused..." (JHO)

4/14/11 – J.kann – DEC lead changed to J.Kann.

Map Identification Number 54



VERNON SUBSTATION & QUEENS BRIDGE

3854 VERNON BLVD / 22-09 39TH AVE
21ST STREET/38TH AVE

QUEEN, NY

Spill Number: 1012829

Close Date:

TT-Id: 520A-0266-137

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
Revised zip code: 11101

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Other

Caller Name:

DEC Investigator: JMOCONNE

Spiller: CON EDISON ERT – CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: CON EDISON ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/24/2011		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	444.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

Values not registering the same at each end of the substation points. Checking for leaks. Cleanup pending investigation.

@ 1421 – CON ED CALLED AND RAISED TOTAL TO 444 GALLON

DEC Investigator Remarks:

03/26/11–Con–ED Dennis Michaelides called 03/25/11 at 2:30pm to update this spill. He said feeder is leaking. This is continuation of yesterday spill. Indication show amount of 444 gallons lost. Still looking for leak.

03/28/11 Spoke with ERT. Leak has been detected at 21st street/38th Avenue. Leak has been stopped by clamp. Contaminated soil around the leak is being removed. As of now, estimated 500 gallon di-electric fluid lost. (sr)

03/29/11–Hiralkumar Patel.

10:30 AM:– visited site with DEC Austin. leak found in area along the east side of the 21st street, south of 38th Ave. ConEd crew was repairing feeder line. as per on-site supervisor, they had collected soil sample from sidewalks and bottom of current excavation, but there is still more contamination which needs further excavation. as per supervisor, once they finish their line repair today, they will cover the excavation with metal plate and will apply for DOT permit for further excavation.

04/18/11–Hiralkumar Patel.

1:40 PM:– spoke with Tony at ERT inquiring updates. he will call back.

2:26 PM:– received call from Tony from ERT. they are still waiting for permit. Tony asked to contact Mr. Pillig, project manager at ConEd.

2:32 PM:– left message for Mr. Pillig.

Michael Pillig
Transmission Operations
3103 20th Avenue
Queens, NY 11105
Ph. (718) 204-4256 (O)
(347) 386-5506 (C)
email: pilligm@coned.com

08/26/11–Hiralkumar Patel.

3:10 PM:– received email from Robert Duffy from ConEd. he mentioned that total of 501 gal oil spilled, with a leak rate of about 1.5 gal/hr, from feeder line. permanent repair was made and contaminated soil was excavated from around the leak point. original excavation samples indicated readings of below 10,000 on all sidewalk samples and a high result of 40900 on the floor sample below the feeder where the leak occurred. excavation was continued in bottom and as excavated deeper the leak samples indicated

dropping levels of oil concentration in the soil down to 29,400. at 13.5 feet deep the water table was reached. an unusual amount of oil was found on the water table and when tested it was indicated to be partially a Sun 6 oil which was used decades ago. upon further investigation it was found that this location was previous recognized as an appendix B remediation site from large historical leaks. Mr. Duffy believes that the soil remediation is complete on this location given that all sidewall samples are acceptable and they like to remediate this location under the remediation to be done for the existing appendix B work.

Robert Duffy
Transmission Operations EH&S Project Specialist
Ph. (718) 204 – 4478 (O)
(646) 584 – 5918 (C)
email: DUFFYR@coned.com

09/08/11–Hiralkumar Patel. discussed with DEC Austin. he is not sure whether case will be handled in region 2 remediation or in Albany. he will discuss with DEC Paul.

1:54 PM:– spoke with Mr. Duffy and informed him that case will be transferred to remediation group either in region 2 or in Albany. he inquired if any further soil excavation is needed. he mentioned that all soil under the leak area (within the piling box) was dug down to 13.5 ft where groundwater found. informed him that a new project manager in remediation will review endpoint soil sample results and decide about any further soil excavation.

11/21/11–Hiralkumar Patel. discussed project during meeting with DEC Austin, Mr. Pillig, Mr. Duffy and Mr. Madsen. based on findings of clean soil above water table and findings of old Sun 6 oil on groundwater, Mr. Pillig mentioned that case will be transferred to remediation group in ConEd and he requested case transfer to remediation ground in DEC also. based on available information, DEC Austin asked to transfer case to DEC Joe O'Connell.

Matthew Madsen
Remediation – EH&S
Ph. (718) 267–3866 (O)
(917) 642–9171 (C)
Fax (718) 932–2687
email: madsenm@coned.com

11/30/11–Hiralkumar Patel. after discussing with DEC Joe, case transferred to him.

12/1/11 spoke with Matt Madsen (Con Ed); he said they should be meeting internally shortly to get all information from TO about the spill response; if it is contamination from a prior spill, it is likely one that is part of an Appendix B project handled by Vito Mariani at Con Ed. He will confer with Mr. Mariani to review how it fits in with his project. Mr. Madsen advised that, as he understands, the excavation has been filled and the road has been re-surfaced. (JOC)

Map Identification Number 55**TRANS CANADA GEN STATION-RAVENSWOOD**

38-54 VERNON BLVD

LONG ISLAND CITY, NY

Spill Number: 0912294**Close Date:**

TT-Id: 520A-0248-841

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: JKKANN

Spiller: TYRONE BREWINGTON – TRANS CANADA RAVENS WOOD SPILL

Notifier Name:

Caller Agency:

Contact for more spill info: TYRONE BREWINGTON

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (718) 706-2793

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/24/2010		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
KEROSENE	PETROLEUM	250.00	GALLONS	0.00	GALLONS	

Caller Remarks:

250 GALLONS TO THE SECONDARY CONTAINMENT MOAT ON TOP OF WATER AROUND THE TANK. DUE TO A LEAKING SUPPLY LINE CLEAN UP IS PENDING.

DEC Investigator Remarks:

Originally thought to be a "contained leak" of 250 gal into an outdoor containment moat mixed with water. Clean Venture was hired to clean out the moat.

2/26/2010 – Sangesland spoke to rep from TransCanada Ravenswood. They now believe there was a massive leak from an underground pipe. Approx 24,000 gallons of kerosene is "unaccounted for" and is assumed to be under the plant. Kerosene has shown up in a manhole in a nearby service road.

03/01/10 Performed site visit this morning. Underground product supply line from two(2)million kerosene AST to Gas Turbine Unit(GT-3) leaked and released unknown quantity of kerosene to subsurface. After inventory reconciliation,the quantity estimated to be approx 24,000 gallon. The underground pipe is about 150-160 ft in length. Excavation on the pipeline where kerosene bubbling up the surface started this morning.Clean venture began recovering the free product from the containment moat of the 2 mil gallon AST. Shore line has been boomed off,as precaution. Existing MWs on the bulkhead is monitored daily. No sign of any product in the monitoring wells is found. Waste Recycling Solutions(WRS) exposing the underground line to identify the leak.(sr)

*** Ravenwood contact personnel: Kenneth Yager,(718)706-2702/Kevin Fennessey,(718)706-2773 ***

03/03/10 As of 03/02/10 1,300 gallons of product had been recovered.Oil recovery continued in three locations:Inside the secondary containment for tank KO-1 where water and product leaking into the dike from cracks and an abandoned pipe penetration, in the ConEd manhole on the 36th Avenue service road, in the excavation at the north end of GT 3 where product is seeping out of the soil.Preparations are underway to offload the KO-1 tank.(sr)

03/09/10 As of 03/08/10, approx. 2575 gal of kerosene recovered.On 3/9 more excavation pits along the northern fence will be dug to determine the east-west boundaries of the product plume.In the Con Ed manhole on the 36th Ave service Rd, product was no longer entering through a conduit buried approx 3 ft below the surface.Investigation of the manhole identified a 2" drain hole at the bottom where product was visible. It was inferred that product was on the ground water in this area.A test pit to the water table was excavated at the north boundary of Ravenswood in the vicinity of the Con Ed manhole.Visible product was evident in the test pit.Two more test pits were excavated at the north boundary of Ravenswood-one about 30' west of the ConEd manhole and the other about 50' east of the manhole. Both test pits evidenced product at the water table.
The transfer of Kerosene from tank KO-1 to the barge commenced on 03/06.(sr)

03/22/10 Email from Ravenswood. "The following is the status of the kerosene spill (NRC #932394, DEC #0912294, DEP #184991838) at the Ravenswood Generating Station as of Monday, March 22, 2010:

* There has still not been any visible product on the East River to date.

* On Monday 3/15 we disbanded the internal incident command system. we had set up at Ravenswood. After over two weeks of investigation, we felt confident we had determined the approximate extent of the spread of contamination. There was no longer an immediate risk of the product contaminating the East River. This was no longer an emergency response, and we transitioned into a recovery and remediation project. * On Tuesday 3/16 and Wednesday 3/17 we conducted seismic refraction testing to map the bedrock contours to the north of the spill location. We expect to have results of that testing back this week, to help us determine the flow path of product away from the leak site.

* On Thursday 3/18 we commenced drilling monitoring/recovery wells. Three wells were installed through Friday 3/19. A total of seven 4" wells will be installed on site using the sonic drill rig, with some additional 2" wells installed using a Geoprobe rig along the fence line.

* On Friday 3/19 we received the NYCDOT permit to excavate test holes in the 36th Ave. service road. We will be working with the contractor for the bridge refurbishment project to complete those test holes this week, if possible.

* The abandoned 12" fuel oil line to the Rainey Tanks was opened on Friday 3/19. It was determined that this was not acting as a conduit for kerosene, as it already contained old No. 6 oil from its abandonment in 1965. Under a separate project, this line will be cleaned, detached from the kerosene unloading line, and properly abandoned in place with grout.

* As developments are happening more slowly now, I will be sending these updates less frequently probably once or twice a week. I will keep you updated should any important developments arise.""

04/30/10 As per email on 04/29/10, there has still been no evidence of product release to the East River.Four wells have been drilled and installed on the 36th Ave. service road. The last two wells were completed on 4/28.One more test pit will be dug in the 36th Ave. service road to clarify the eastern boundary of the product.TranCanada built three sumps inside the KO-1 containment to facilitate recovering the product that seeps in through the wall. Much of the investigation work for this project is complete, and they are working on developing an investigation report and designing a recovery system for the spilled

product.(sr)

***** Status update emails in edocs*****

07/29/10 GZA prepared Spill Investigation Summary report. Spill site is located on the northern portion of the Ravenswood property at the junction of Vernon Boulevard and 36th Avenue. Historical releases of kerosene have occurred at the site which resulted in degradation of ground water and the occurrence of non-aqueous phase liquids (NAPL). There were sixteen previous spill cases associated with the site. Existing Monitoring wells located between the Feb 2010 spill location and the East river. Ground water flow in westerly direction. LNAPL has historically been observed in existing monitoring wells. Kerosene appears to have migrated vertically downward until it encountered an old concrete building slab, which was left in place from a former building and was subsequently incorporated into the foundation construction of the GT-3 and GT-2 buildings. Once the kerosene encountered this barrier to vertical migration, it spread laterally. Kerosene was observed entering the north and east walls of the K01 containment dike through cracks and a pipe and subsequently in a ConEd Vault on 36th Avenue (north of the release area). Kerosene appeared to be entering the vault through a drain hole in the bottom of the vault and through the concrete electrical duct bank as it entered the eastern wall of the vault. Kerosene appears to have not migrated any further west than monitoring well GT-104, which has no recorded kerosene. GZA supervised installation of 30 soil borings at the site in a grid like pattern to depths ranging from 2 to 20 ft bgs. Four 6 inch diameter screened recovery sumps were installed, GZA-1, GZA-7, GZA-27, GZA-20. The sumps extended to the water table. GZA supervised the installation of 14 permanent monitoring wells (GT-101 through GT-114). GZA has been periodically gauging the ground water and LNAPL thickness in new and existing monitoring wells. Kerosene has not been observed in wells west of GT-103. Kerosene was observed in monitoring wells GT-103, GT-105, GT-107, GT-108, GT-109 and GT-110 at thickness ranging from 0.02 to 0.79 ft. Thirty six soil samples were taken from the soil borings and test pits for lab analysis. Several petroleum VOCs were detected in soil samples above DEC part 375. VOCs were detected above regulatory limit in ground water samples from GT-101, GT-104. Figure 8 depicts the estimated areal extent of observed kerosene in test pits, borings, wells. Kerosene was observed in soils above the buried concrete slab in the vicinity of the release area. In addition, kerosene was observed within the trench, above the concrete slab, to the north of the GT-3 unit. Kerosene was also observed in a gravel drainage layer along the northern wall of the K01 containment dike, and entering the K01 containment area through cracks and the pipelines. Kerosene was observed in the bedding sand around the abandoned No 6 oil underground pipeline. Under 36th Avenue, kerosene was observed at exploration locations GZA-30/GT-114 and GZA-32/GT-112 to accumulate on the top of bedrock.

The extent of kerosene appears to be bounded: to the west by monitoring wells GT-104, GT-101 and GT-111; to the east by the end of the test pit advanced along the northern side of the GT-3 building and GT-106; and to the north by the presence of the Bridge abutment which extends to rock and below the water table (thus impeding further northward migration of kerosene) as well as monitoring well GT-113. During the investigation of the leak of the kerosene supply line to GT-3, the entire area was excavated to the top of the concrete slab. In addition, several other areas of petroleum contaminated soil have been excavated during the investigation including the test pits excavated for utility clearance and No. 6 fuel oil pipeline investigations. WRS periodically has recovered kerosene that seeps into excavations or accumulates in the installed product recovery sumps, monitoring well GT-103 and the Con Ed vault on south 36th Avenue. WRS estimated that approx. 4,700 gallons of kerosene has been recovered as of May 14, 2010. TransCanada has setup several temporary recovery points along the K01 secondary containment dike. Of the 24,000 gallons kerosene released, approx. 6,000 gallons of product have been recovered. The remaining kerosene is believed to be either perched on bedrock above the water table, in bedding sands around utilities, accumulated on the water table in the vicinity of GT-103, trapped along the northern and western walls of the containment dike, and/or trapped within bedrock fractures.

GZA performed tidal survey to measure the effect of tidal variation on groundwater elevations. (sr)

Five recovery sumps were installed at the site including: GZA-1, GZA-7, GZA-17, GZA-20 and GZA-30. All monitoring wells and the sumps will be gauged periodically for the presence of kerosene. Kerosene continues to accumulate in the Con Ed vault on 36th Ave.

Product will be evacuated from this vault and monitoring well GT-112 using a vacuum truck until it ceases to accumulate. GZA will install one 2-in belt skimmer in the well GT-103 to collect kerosene from the well. The belt skimmer will be in operation until the ground water depression product recovery system can be installed and made operational later this year. GZA proposes installing one QED AP4T top intake total fluids pneumatic recovery pumps. The pump will be installed within well GT-103 later this year. Monitoring wells will be periodically monitored for depth to water and depth to product. Ground water samples will be collected twice yearly. Samples will not be collected if kerosene is present in the well. No visual evidence of petroleum discharge observed to the East river during GZA's bulkhead survey. As per GZA, it is still possible that kerosene plume is increasing in areal extent and could reach the East river at sometime in future.

Case transferred to Remediation Section for future management.(sr)

08/19/10 – re-assigned to Joe O'Connell (JOC)

09/29/10 – on site with Kevin Fennessey (TC) on 9/28 – discussed proposed IRM and additional delineation; most sumps no longer showing product, belt skimmer in operation in well along northern property line (the point where P&T system proposed).

04/13/11– J.kann –Spill transferred to J.Kann. Met with Greg Pryor on March 30th to discuss the site. An IRM was submitted in March 2011. The IRM includes the installation of a pump and treat system. DEC conceptually approved the IRM at the meeting, however the IRM needs to be signed and sealed by a PE and resubmitted with minor modifications. In an email of March 31, Greg Pryor indicated that the revised IRM will be submitted together with a signed stipulation agreement shortly (sometime in April). It has not yet been received.

04/26/11– J.Kann – Revised IRM received on April 14, 2011.

05/09/11– J.Kann – Signed Stipulation agreement and RIWP received on May 9. Transmittal memo prepared and stipulation forwarded to Lou Oliva.

5/10/11 – J.Kann – Stipulation executed by Susanne Mattei on 5/9/11.

5/12/11 – J.Kann – Executed stipulation forwarded to Greg Pryor of TransCanada.

5/23/11 – J.kann – IRM approval letter sent electronically to TransCanada (edoced).

6/29/11 – J.Kann – The system was started up on June 1, however a valve needed to be replaced and the system was fully operational on June 6. Initial effluent samples showed elevated pH levels, so the system was shut down on June 7. The activated carbon was flushed and the system restarted on June 9. Effluent samples are now within acceptable limits. A site visit was made on June 6.

7/14/11 – J.Kann – RIWP discussed with Joe O'Connell on 7/7. Comments on the RIWP were sent in an email on 7/14 (edoced).

9/8/11– J.Kann – A response to the 7/14 comments were received on 8/26 and discussed with Joe O'Connell on 9/1. Although we don't fully agree with some of the responses provided, the plan is acceptable and will be approved.

On August 15, 2011 there was a spill called in for the site (1105493). There was a spill from a Con Edison manhole. Due to the

extreme amount of rain in a short period of time on Sunday and Monday (August 14 and 15) elevated groundwater levels mobilized the kerosene that eventually made its way into the Con Edison manhole along 36th Ave. (south service road to the Roosevelt Island Bridge). Surface water runoff combined with elevated groundwater levels allowed for the manhole to overflow and kerosene to spill on to the pavement, down the street and in catch basins which discharge into the East River. Clean up of the manhole and pavement was performed by Waste Recycling Solutions and transcanada had pads thrown down in the river. After a conversation with Greg Pryor (transcanada) and email was sent to him requesting additional information relating to the manhole.

9/9/11: J.Kann – email approval of RIWP and Addendum sent to transcanada (edoced).

5/31/12 – Austin – Received final EMIS report from Con Edison under spill # 0912393, where a Con Ed utility vault was impacted by this plume – Con Ed indicated that the cleanup in the vault was completed, and we closed spill # 0912393. – end

6/15/12: Kann – received RIR on May 8, 2012 edoced it and it is under review.

6/25/12: Kann – received an email from Greg Pryor requesting that well GTSB-5 be added to the IRM system. Responded as follows

"Conceptually, the Department is fine with including GTSB-5 to the system. However, TransCanada must submit a modified IRM.

The RI indicated that GTSB-5 has had increased product levels since the 2010 spill. TetraTech states in the RI that they don't believe the increase is attributable to the kerosene spill. Does TransCanada have any idea what the source of the increase is?

Keep in mind that the stipulation agreement only covers the kerosene spill. If it is determined that another source exists, the stipulation agreement will need to be modified."

8/1/12: J.Kann – completed review and drafted comments. Sent up BHTV data to CO Ottaway for comment on 7/18. Spoke with C. Magee on 7/26. Provided Tetrattech email to C. Magee. Rcvd OM&M semi-annual report from TransCanda on 7/19. Reviewed the OM&M report and had no comments.

8/3/12: J.Kann – received feedback from chris magee. Discussed site and comments with Joe O'Connell today. Will modify my comments to address additional concerns discussed.

8/6/12: J.Kann – comments on RI emailed to TransCanada and edoced.

Map Identification Number 56**POWER STATION-RAVENSWOOD**

3854 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 0611682**Close Date:**

TT-Id: 520A-0133-745

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	DONALD O'DONNELL – RAVENSWOOD POWER STATIONS	Spiller Phone:	(718) 706-2753
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JKKANN	Contact for more spill info:	DONALD O'DONNELL	Contact Person Phone:	(718) 706-2753

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/21/2007		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	750.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Caller reports contained in an underground concrete vault. Pipeline failed. Cleanup company has been contacted. Unknown name at this time per caller.

DEC Investigator Remarks:

Sharif Rahman responded on Sunday.

Ken Yager reports on Monday morning that 6000 gallons of No. 6 was released and recovered. The line between the dock and the tank farm released product through a corrosion hole under the insulation. Release was contained within a 73-foot long, concrete trench; there was no environmental impact. Keyspan workers made the discovery in time. Corroded area will be repaired by welding today. The trench was steam cleaned yesterday. Ken will e-mail a report with photographs. Ken is at 718 – 706 – 2702. Breen

Ken Yager reports on Tuesday morning that the clamp was installed last night, but has not been pressure tested. This is the dock line which connects barges to the tank farm. As such the line sees intermittent rather than constant use. This pipe is installed just a few inches from the bottom of a six foot deep trench. The mode of failure is assumed to be water intrusion that got inside the insulation. Key Span engineering is proposing to 1) replace the entire 73 foot section of pipe and 2) relocate the new pipe higher in the trench. Trench has received its first (preliminary) cleaning. Crews are standing by to do the final cleaning. Ken is e-mailing over the photographs he has taken. Breen

1-23-07. Inspected spill site with Ken Yager. Trench is totally lined with concrete; there are no penetrations. The purpose of the trench is to permit the piping to cross a roadway. The dock line is above ground. It travels east from the dock for perhaps 200 feet, then drops into the trench and turns north. The trench runs south to north. The piping exits the trench at the north end, turns west and travels perhaps 150 above ground toward the dock. The trench has removable concrete slabs covering it. The concrete slabs are thick enough to support vehicles on their way to the dock.

See eDocs for Keyspan report.

2-13-07. Ken Yager reports line is repaired and in service. Line is monitored whenever it is in use, as a precaution. They have submitted repair plans to FDNY and gone out for bids. First bid was \$200K to replace 73 feet of pipe. Ken thinks that price is excessive. Expect to replace the pipe in a month or so. Will send us plans.

06/22/10 – changed Lead DEC to JMOCONNE (JOC)

04/14/11–J.Kann – DEC lead changed to J.kann

THE FOLLOWING ACTIVE SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE SEARCH RADIUS FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, OR VANDALISM. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
8802642	71 ST / FDR DRIVE	71 ST / FDR DRIVE	NYC
9708192	SUTTON HOUSE ASSO'T	450 63RD ST	MANHATTAN
1112657	SIREN MANAGEMENT	1269 1ST AVE	NEW YORK
1112423	ROYAL YORK APARTMENTS	420 EAST 64TH STREET	MANHATTAN
1103431	PARKING GARAGE	337 EAST 64TH ST	NEW YORK
9104888	73RD ST & FDR DR	73RD ST / FDR DR	MANHATTAN
0009089	EAST 63RD ST SUBSTATION	321 EAST 63RD ST	NEW YORK
0707261	EAST 63 ST S/S. XFMR #2 OIL PUMP	321 EAST 63 STREET. SUBSTATION	MANHATTAN
9705470	EAST 63RD ST SUBSTATION	321 E. 63RD ST	MANHATTAN
9809284	E63RD ST SUBSTATION TR #4	321 EAST 63RD ST	NEW YORK
0701956	THREE OZ LEAK AT XFMR #6 AT EAST	321 EAST 63 STREET	MANHATTAN
0212023	345 E.73RD ST	345 E.73RD ST	NEW YORK
1112742	CON ED 74TH ST SUBSTATION	506 EAST 75TH ST	NEW YORK
0007132	75TH ST SUBSTATION PH #1	525 EAST 75TH STREET	MANHATTAN
0906689	75TH STREET SUB STATION	525 EAST 75TH STREET	NEW YORK
1114131	OVERFILL TO SIDEWALK AND BASEMENT	210 EAST 68TH STREET	NY
0108212	GENERATING STA-RAVENSWOOD	3854 VERNON BLVD	QUEENS
0613317	POWER STATION-RAVENSWOOD	38-54 VERNON BOULEVARD	LONG ISLAND CITY
1106672	CON EDISON RAVENSWOOD STATION	7-18 37TH AVE	QUEENS
9416777	3854 VERNON BOULEVARD -RAVENSWOOD	RAVENSWOOD POWER HOUSE	QUEENS
0907672	TRANS CANADA POWER PLANT	3854 BRENDAN BLVD	LONG ISL CITY
9204052	38-54 VERNON BLVD/CON ED-RAVENSWOOD	38054 VERNON BLVD	LONG ISLAND CITY
0330005	GAS TURBINES -RAVENSWOOD	VERNON BLVD/37TH AVE	QUEENS
9814108	VERNON SUBST REACTOR-31231-RAVENSWOOD	38-54 VERNON BOULEVARD	LONG ISLAND CITY
9900346	GENERATING -RAVENSWOOD	38-54 VERNON BOULEVARD	LONG ISLAND CITY
9812153	GEN STATION-RAVENSWOOD	38-54 VERNON BOULEVARD	LONG ISLAND CITY
9810721	GENERATING STAT-RAVENSWOOD	38-54 VERNON BOULEVARD	LONG ISLAND CITY
9704015	GENERATING STATION-RAVENSWOOD	38-54 VERNON BOULEVARD	LONG ISLAND CITY

9612634
0713414 GENERATING ST-RAVENSWOOD
SUTTON GARDENS

38-54 VERNON BOULEVARD
420 EAST 55TH STREET

LONG ISLAND CITY
MANHATTAN



CLOSED STATUS TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 57



COLLEGIATE CHURCH
402 EAST 67TH STREET

NEW YORK CITY, NY

Spill Number: 9413172

Close Date: 02/13/2003
TT-Id: 520A-0095-844

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 691 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Other
Caller Name: BOB DECK
DEC Investigator: TOMASELLO

Spiller: BERGEN FUEL
Notifier Name:
Caller Agency: PETROLEUM TANK
Contact for more spill info:

Spiller Phone: (718) 763-3100
Notifier Phone:
Caller Phone: (718) 624-4842
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/03/1995		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	25.00	GALLONS	25.00	GALLONS	SOIL

Caller Remarks:

HOLE IN TANK, 1000 GALS. DELIVERED 01/03/95, 975 GALS PUMPED OUT 01/03/95, TANK IN BASEMENT.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 58 **512 EAST 71ST STREET**
 512 EAST 71ST STREET

MANHATTAN, NY

Spill Number: 9405349**Close Date: 07/20/1994**
TT-Id: 520A-0099-008

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 711 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD PIERCE

DEC Investigator: SIGONA

Spiller: RICHARD W. PIERCE - NEW YORK HOSPITAL

Notifier Name:

Caller Agency: NY HOSPITAL

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 746-1927

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
07/19/1994	07/20/1994	TANK FAILURE	2-010820	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	2000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DURING REFUELING TANK STARTED TO LEAK. SPILL IS CONTAINED IN VAULT. PETROTANK CLEANERS STATED PUMPING PART OF SPILL. ABC TANK CLEANERS TO FOLLOW UP TOMORROW. FIELD RESPONSE BY DEC (SIGONA) 7/20/94.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

11/01/94: ABC CLEANED UP THE SPILL. THE VAULT WAS PUMPED OUT. MADE A DECISION TO REPLACE ALL SIX OF THE FUEL OIL TANKS. SPOKE TO PAUL SCHWABACHER 212-746-1954 INSPECTED THE OTHER TANKS IN JULY 1994 AND THE TOP.

11/01/94: FOUND THAT THE TANKS HAD GREATER THAN 50% METAL CORROSION. 1ST/6 TANKS 2/95, 1 PER 3-4 MONTHS UNTIL ALL 6 TANKS BELOW GROUND BACKFILL VAULT DOUBLE WALL STEEL W/FIBERGLASS. 20 K TANKS, 5-#2 FO.

11/01/94: THEY WILL ADD 1 DIESEL, COMPLETING THE PROJECT PAUL WILL SEND A PBS APPLICATION. CURRENTLY, TANK #1 EMPTY, TANK# 2 -#6 FO., TANK #3-#2FO., TANK#4-DIESEL, TANK#5,#6-#6 FO., REMOVE/REPLACE ONE AT TIME.

11/01/94: PAUL TO SEND A COPY OF PLANS TO ME A ON THE TANK REPLACEMENT/ CLOSURE.

see Spill no. 9416167.

DEC Sigona sent letter o NY Hospital on May 1, 1995 closing spill case.

Map Identification Number 59		MOBIL S/S		Spill Number: 9903152		Close Date: 07/02/2003	
		1132 YORK AVENUE		NEW YORK, NY		TT-Id: 520A-0099-218	
MAP LOCATION INFORMATION				ADDRESS CHANGE INFORMATION			
Site location mapped by: MANUAL MAPPING (3)				Revised street: NO CHANGE			
Approximate distance from property: 768 feet to the SW				Revised zip code: NO CHANGE			
Source of Spill: GASOLINE STATION		Spiller: MIKE MEOLA – EXXONMOBIL CORP		Spiller Phone:			
Notifier Type: Affected Persons		Notifier Name: UNKNOWN		Notifier Phone:			
Caller Name: RICK SPADALIK		Caller Agency: FENLEY & NICHOL		Caller Phone: (516) 586-4900 ext. 1			
DEC Investigator: GIBBONS		Contact for more spill info: JERRY SALLOWS		Contact Person Phone:			
Category:	Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.						
Class:	Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency						
Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved		Meets Cleanup Standards		Penalty Recommended
06/18/1999		TANK FAILURE	2-157902		NO		NO
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected	
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER	
Caller Remarks:							
GASOLINE SHEEN ON WATER IN SECOND STORY OF A PARKING GARAGE –CLLEANUP IN PROGRESS							
DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.							

Map Identification Number 60 **523 EAST 71ST STREET**
 523 EAST 71ST STREET

MANHATTAN, NY

Spill Number: 9311015**Close Date: 12/10/1993**
TT-Id: 520A-0092-016

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 923 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: BOB DECK

DEC Investigator: CAMMISA

Spiller:

Notifier Name:

Caller Agency: PETRO TANK CLEANERS

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (718) 624-4842

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/09/1993	12/10/1993	TANK FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

WHILE CLEANING TANK FOUND 3 HOLES – WILL RELINE TANK – TANK IS TO BE RELINE CONCRETE – SMALL LEAK ON TOP OF TANK – VAULTED W/ ACCESS – NO LEAK NOTICED – SPOKE WITH PAUL SCHWABACHER 786-1954.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 61 **ROOSEVELT ISLAND OPER**
 591 MAIN ST

ROOSEVELT ISLAND, NY

Spill Number: 9901429**Close Date: 07/08/2005**
TT-Id: 520A-0096-944

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1166 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10044

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name: JENNIFER JUHAS
 DEC Investigator: MDDUNHAM

Spiller: ROOSEVELT ISLAND OPER
 Notifier Name: JENNIFER JUHAS
 Caller Agency: TYREE ENVIRONMENTAL
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (516) 249-3150
 Caller Phone: (516) 249-3150
 Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/06/1999		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

UPON REMOVAL OF 4,000 GALLON GASOLINE TANK SOIL CONTAMINATION WAS
 DISCOVERED THRU SOIL SAMPLE ANALYSIS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
 This gasoline spill case has been reassigned from DEC (Sigona) to

Rommel on January 7, 2004.

DEC (Sigona) called Jennifer Juhas (Tyree) on 5/6/99. She did not have PBS#, but will locate and call back DEC. Tyree encountered high levels of hydrocarbons, and report will be sent to DEC.

On November 16, 1999, DEC Sigona spoke to Soyna Maynad at IT Corporation (518) 783-1996. She had copy of tank closure and would forward to DEC (Sigona). Ms. Maynad will investigate PBS registration. Tank inside building and removed, problem with site assessment.

DEC Sigona received tank closure report on 11/17/99.

DEC Sigona sent letter to OGS on 12/17/99 requestting followup investigation and registration of tank. No PBS records found.

M.Dunham: Closed 07/08/05 – Report (03/10/00) from Tyree indicates no volatile or semi-volatile compounds detected above standards in soil or groundwater.

Map Identification Number 62 **315 EAST 69TH STREET**
 315 EAST 69TH STREET

MANHATTAN, NY

Spill Number: 9207735**Close Date: 02/27/2003**
TT-Id: 520A-0091-907

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 1285 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: RICH GILBY

DEC Investigator: TOMASELLO

Spiller:

Notifier Name:

Caller Agency: AMERADA HESS.

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 964-7712

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/05/1992		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	1000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

15K U.G. TANK SHOWS INVENTORY LOSS AND OIL SEEPING THROUGH BASEMENT WALL-CONTRACTOR ENROUTE TO PUMP TANK AND INVESTIGATE TO LOCATE LEAK-NYCDEP TO BE NOTIFIED-SUMP PUMP UNPLUGGED-SYSTEM SHUTDOWN

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 63 **315 E 69TH ST**
 315 E 69TH ST

NYC, NY

Spill Number: 9104495**Close Date: 07/26/1991**
TT-Id: 520A-0091-840

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 1285 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Affected Persons
 Caller Name: ION VUELCONESCO
 DEC Investigator: WILSON

Spiller: GOODSTEIN MGMT
 Notifier Name:
 Caller Agency: WERNERS CORP
 Contact for more spill info:

Spiller Phone: (212) 935-7799
 Notifier Phone:
 Caller Phone: (212) 734-9636
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/25/1991	07/26/1991	TANK FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 64 **FORMER PARKING GARAGE**
 1ST 1VE & 61ST ST

MANHATTAN, NY

Spill Number: 9810268

Close Date: 03/03/2003
 TT-Id: 520A-0102-298

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1388 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: FIRST AVE / E 61ST ST
 Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name: CHRIS FLYNN
 DEC Investigator: TOMASELLO

Spiller: CHRIS FLYNN - FORMER PARKING GARAGE
 Notifier Name: CHRIS FLYNN
 Caller Agency: H2M GROUP
 Contact for more spill info: CHRIS FLYNN

Spiller Phone: (516) 756-8000
 Notifier Phone: (516) 756-8000 ext. 4
 Caller Phone: (516) 756-8000 ext. 4
 Contact Person Phone: (516) 756-8000

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/19/1998		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

tank was removed back in october and testing was done today the test came back showing contamination

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

tANKs removed by H2M group. Samples were taken. closure report indicates that no results were above stars guidance values. Spill closed 5/3/99. See file in regional archives.

Map Identification Number 65


645 MAIN ST

ROOSEVELT ISLAND, NY

Spill Number: 0305925**Close Date: 09/09/2003**

TT-Id: 520A-0096-946

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1421 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10044

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: RAY LARA

DEC Investigator: SMSANGES

Spiller:

Notifier Name: RAY LARA

Caller Agency: PETROLEUM TANK

Contact for more spill info: RAY LARA

Spiller Phone:

Notifier Phone: (718) 624-4842

Caller Phone: (718) 624-4842

Contact Person Phone: (718) 624-4842

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/04/2003		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

soil sample results through bottom of cleaned tank to be abandoned in place.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

PTC cleaned the tank in anticipation of abandoning it in place. Soil samples were taken through the bottom of the tank.

PTC says the samples are all OK except :

Benz(a)anthracene (limit is 224, sample was 364)

Benzo(b)fluoranthene (limit is 61, sample is 189)

PTC says the land is owned by the Feds, but the tank is owned by NYC Schools. Schools contact is James Merlo 718-349-5738

Contaminated Soil letter will be sent to Mr. Merlo

9/9/2003 Sangesland reviewed a submittal from PTC which confirmed the lab sample results listed above. Based on these samples which were taken through the bottom of the buried tank, the tanks can be abandoned in place and the spill closed out.

Map Identification Number 66



GETTY SERVICE STATION

1102 FIRST AVE

MANHATTAN, NY

Spill Number: 9201238

Close Date: 08/01/1994

TT-Id: 520A-0099-189

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 1455 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill: GASOLINE STATION

Notifier Type: Other

Caller Name: MORTON TUOFF

DEC Investigator: SULLIVAN

Spiller: GETTY SERVICE STATION

Notifier Name:

Caller Agency: TRINITY PETRO SYST.

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (718) 257-8470

Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/27/1992	08/01/1994	TANK FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

 Caller Remarks:

WATER TABLE @ 10 FT. 6'-10' SAMPLES TAKEN- TANK CLOSES QUITE SOME TIME AGO FILLED W/ CONCR.- NO CLEAN UP, NO REMOVAL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 67


351 EAST 61ST ST

MANHATTAN, NY

Spill Number: 9813403**Close Date: 05/14/1999**

TT-Id: 520A-0098-407

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1462 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: CHRISTINE STANIS

DEC Investigator: SMSANGES

Spiller: UNKNOWN

Notifier Name:

Caller Agency: ENVIRONMENTAL MGMT

Contact for more spill info: ANDY FORSBURG

Spiller Phone:

Notifier Phone:

Caller Phone: (914) 345-1498

Contact Person Phone: (212) 308-7365

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
01/29/1999		TANK FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller reporting that an unregistered ust was found to have failed. tank has been removed and the soil will be excavated.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

DEVELOPER TOTALLY EXCAVATED THE AREA AND REMOVED ALL CONTAMINATION.

Map Identification Number 68 **MANHATTAN EAST 05,08 ,08A DOS -DDC**
 545 EAST 73RD STREET

MANHATTAN, NY

Spill Number: 9709493**Close Date: 10/31/2003**
TT-Id: 520A-0100-041

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1508 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: MR LAPREF

DEC Investigator: JMKRIMGO

Spiller: TONY MARINO - MANHATTEN EAST 5,8 &8A

Notifier Name: MR LAPREF

Caller Agency: URS GREINER

Contact for more spill info: TONY MARINO

Spiller Phone: (718) 391-1062

Notifier Phone: (716) 856-5636

Caller Phone: (716) 856-5636

Contact Person Phone: (718) 391-1062

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/14/1997		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller just received test results back - property is a new york city dept os sanitation. Sams as spill # 9101174

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"

Map Identification Number 69 **APARTMENT**
 311 EAST 71 STREET

NEW YORK, NY 10021

Spill Number: 0502031**Close Date: 10/17/2005**
TT-Id: 520A-0095-831

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1539 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 311 E 71ST ST

Revised zip code: NO REVISION MADE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name: MARK SALAMICK
 DEC Investigator: JMKRIMGO

Spiller: MAXWELL KATES –MANAGMENT – APARTMENT
 Notifier Name: MARK SALAMICK
 Caller Agency: PETROLEUM TANK CLEANERS
 Contact for more spill info: MAXWELL KATES –MANAGMENT

Spiller Phone: (212) 684–8282
 Notifier Phone: (917) 559–5519
 Caller Phone: (917) 559–5519
 Contact Person Phone: (212) 684–8282

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/19/2005		TANK FAILURE	YES		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	1000	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

BELIEVES THEY MAY HAVE LOST 1000 GALLONS, WERE FILLED UP YESTERDAY AND NOW GONE, BUT CANT SEE LEAK: STILL INVESTIGATING

DEC Investigator Remarks:

5/19/05. J.Krimgold spoke to Mark (PTC). They cleaned nth tank 2 days ago, but the owner did not want to test it. Delivery (2500 gal of #6 oil) was made yesterday and the gage was checked before and after delivery. The gage showed 33" and today only 27.5" meaning that ~500 gal was not accounted for. Tank will be pumped out and tested. CSL letter has been sent.

5/23/05. According to Mark (PTC) the tank was pumped out on 5/19/05. No oil was coming back from outside the tank. Owner want to replace/repair the tank, but refused to test the tank. YK.

Info:

Neil Wichnia – Building Manager @
 Maxwell–Kates, Inc.
 9 East 38th Street, 6th Floor
 NY, NY 140016

10/17/05. J.Krimgold reviewed the letter report submitted by Eastmond & Sons dated 9/14/05. Based on the investigation results presented in the letter and previous investigation, no contamination was found around the UST. Moreover, it appears that spill was reported due to an erroneous reading to the tank gage. NFA letter.

Map Identification Number 70**APT BUILDING “**

320 E. 72ND ST

MANHATTAN, NY

Spill Number: 0109042**Close Date: 08/08/2002**

TT-Id: 520A-0099-183

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1613 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: ISAAC MUNGRA

DEC Investigator: EXROSSAN

Spiller: JOE PUGLISI – APT BUILDING “

Notifier Name: ISAAC MUNGRA

Caller Agency: PETROLEUM TANK CLEANERS

Contact for more spill info:

Spiller Phone: (212) 744-8896

Notifier Phone: (718) 624-4842

Caller Phone: (718) 624-4842

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/11/2001		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller was contecated by heating service man do to a visable leak tank is above ground in basment spill seems to be confined in basment further investigation is underway now tank is being pumped out to start

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROSSAN/VOUGHT"

8/8/2002-VOUGHT-Site visit by Sangesland and Vought on 12/12/2002. Building owner is Steven Malinowski (CA Rich Consultants 516-576-8844). Tank is 66 years old and is 5,000 gallon steel tank. Petroleum Tank Cleaners on-site and performing cleanup consisting of pumping remaining fuel from tank, pump out sump pump, powerwash floor and sump. A total of 600 gallons of oily water was removed from the tank (waste disposal manifest and work invoice provided to NYSDEC). Spill on concrete and DEP contacted regarding discharge to sump pump. No release to underlying soil due to excellent condition of concrete floor. Tank in secondary containment which failed. Malinowski will install entirely new system once bid package approved by tenant board.

2/12/2002-Receive call from Malinowski that tenant board has approved bid proposed by Eastmond & Sons to replace tank in same containment vault (invoice sent to NYSDEC).

6/20/2002-Receive affidavits from Eastmond & Sons (Neil Tomasetti 718-378-3000) regarding installation of new AST verifying that

new tank satisfies all NYC Building Department standards.

7/15/2002--Receive copy of signed contract between CA Rich and Eastmond & Sons to remove old tank and install new tank. Spill closed by Vought.

Map Identification Number 71	MANHATTAN EAST 08B DOS -DDC		Spill Number: 9513279	Close Date: 04/27/2007
	350 EAST 60TH STREET	NEW YORK, NY		TT-Id: 520A-0095-181
MAP LOCATION INFORMATION		ADDRESS CHANGE INFORMATION		
Site location mapped by: PARCEL MAPPING (4)		Revised street: NO CHANGE		
Approximate distance from property: 1618 feet to the WSW		Revised zip code: NO CHANGE		
Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	DEPT SANITATION	
Notifier Type:	DEC	Notifier Name:		
Caller Name:	DAN WEISSMAN	Caller Agency:	DEC	
DEC Investigator:	jamaison	Contact for more spill info:	N/A	
			Spiller Phone:	
			Notifier Phone:	
			Caller Phone:	(718) 482-4933 ext. 1
			Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/22/1996		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

tank leaked causing the spill.contimanited soil found by borings.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHTOMIRSKY"
Former York Hunter site. PBS #2-455784. YK.

3/09/06: This spill transferred from I. Islam. to Q.Abidi.

06/20/06: DEC Lead transferred from J. Kolleeny to J.A. Maisonave. JAM

6/21/06: Reviewed the Site Specific Investigation Plan proposed by LiRo for this site. URS has assumed management of this project and plans to perform this investigation. This is apparently the first investigative effort to evaluate potential impacts from petroleum USTs at the site. The site has 3 vehicle fuel tanks that were abandoned in place. Also on-site are 2 unregistered gasoline tanks that may have been abandoned in place. The investigation plan proposes drilling six soil borings and four monitoring wells. I spoke to Tim Burmeyer of URS (phone: (716) 923-1115) about the proposed soil borings and made adjustments to the locations of those borings. I will draft an approval letter summarizing the adjustments and comments. JAM

6/22/06: Approval letter for the SSIP was finalized and issued to:

Afsar Samani
NYC Department of Design & Construction
30-30 Thompson Ave.
Long Island City, NY 11101

The letter requested one extra soil boring at the north end of the site to evaluate the fill port for the 2 unregistered gasoline tanks. I am expecting URS to notify me of the work schedule. JAM

7/25/06 Received call from Tim Burmeyer at URS on 7/11/06. He informed us that the NYCDEP will be constructing a Distribution Chamber for a water tunnel in the area where the 3 USTs are supposed to be on the southern end of the site. The NYCDEP performed an environmental assessment on site and did not locate any USTs; however, the area where the USTs were supposed to be will be excavated to bedrock and all soil disposed of when the distribution chamber is constructed. The NYCDEP began drilling pilot holes to the water tunnel on July 24.

URS will review files in the NYCDDC archives to see if any maps include the locations of the USTs on the southern and northern ends of the site. URS will amend the SSIP if needed. JAM

8/25/06 Email message from T. Burmeyer of URS. They are scheduled to drill at the north end of the site on September 7 and 8. Work includes 4 soil borings and 1 monitoring well. – JAM

3/21/06 Reviewed Soil and Groundwater Sampling Results – Request for Spill Closure Report submitted by URS and dated Dec 12, 2006. Between Oct 4 and 6, 2006, URS advanced 4 soil borings and installed one well on the north end of the site in the area around unregistered gasoline tanks. During the advancement of each soil boring, PID readings ranged from 0 to 72 ppm and odors were detected. Soil Analytical results indicated that no VOCs were present at concentrations above TAGM. SVOC exceedences were detected at each soil sample. Groundwater analytical results showed that no SVOCs were detected and several VOCs were detected but concentrations were below criteria.

URS recommends closing this spill case because no VOCs were detected in soil or groundwater above their respective criteria and SVOCs detected in the soil pose no threat to human health or the environment.

I sent URS an email requesting additional information regarding the south end of the site where three tanks were registered. This area is under construction by NYCDEP for a water tunnel distribution chamber. URS will submit an addendum to this report. – JAM

4/27/07 Reviewed Shaft 33B Project Update Report, submitted by URS and dated March 26, 2007. Report summarizes work performed by the NYCDEP to construct a water tunnel distribution chamber at the southern end of the site where 3 2,000-gallon tanks were located. According to the report, "3 USTs were located in the current construction area but were removed by an unknown party before the project was initiated." No end-point samples were taken from the excavation however, the former tank locations and the surrounding area was excavated to bedrock for the distribution chamber. Soil samples taken near the former tank area for characterization prior to construction were analyzed for VOCs and SVOCs. No VOCs were detected and some PAHs were detected but are common of fill material. This information is located in the appendices of this Report. URS requests closure of this spill case.

Since the area surrounding the USTs in the southern portion of the site was excavated it is likely that if any contamination was present it has been removed. This spill poses no threat to human health or the environment and was closed. An NFA was issued today. – JAM

Map Identification Number 72	75TH ST SUBSTATION		Spill Number: 9506779	Close Date: 11/21/1997
	506 EAST 75TH STREET	MANHATTAN, NY		TT-Id: 520A-0099-147
MAP LOCATION INFORMATION		ADDRESS CHANGE INFORMATION		
Site location mapped by: MANUAL MAPPING (3)		Revised street: NO CHANGE		
Approximate distance from property: 1781 feet to the NNE		Revised zip code: NO CHANGE		
Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	
Notifier Type:	Responsible Party	Notifier Name:		
Caller Name:	STEVE ROMERO	Caller Agency:	CON EDISON	
DEC Investigator:	JHOCONNE	Contact for more spill info:		
Spiller Phone:		Spiller Phone:		
Notifier Phone:		Notifier Phone:		
Caller Phone: (212) 580-6763		Contact Person Phone:		
Category:	Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.			
Class:	Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency			
Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/02/1995		TANK FAILURE	NO	NO
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered
				Units
SULFURIC ACID	HAZARDOUS MATERIAL	0	POUNDS	0
UNKNOWN PETROLEUM	PETROLEUM	-1.00	GALLONS	0.00
				POUNDS
				GALLONS
				SOIL
				SOIL
Caller Remarks:				

ON THIRD FLOOR – 95% IS CONTAINED IN CATCH BASIN, THE PRODUCT ON THE FLOOR HAS BEEN NEUTRALIZED – CLEAN UP IN PROGRESS – LEAK

FROM THE TANK – LEAK RATE 1 GAL PER 5 MIN. – LEAKING BEING REPAIRED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Dilute acid tank 4% – contained in dike. Fire Dept. on scene. Vendor is ATEC, cleanup in 4–5 hours. There are 2 acid tanks on site. A spare tank is being installed.

Map Identification Number 73 **340 EAST 74TH STREET**
340 EAST 74TH STREET



MANHATTAN, NY

Spill Number: 0004855

Close Date: 09/22/2004
TT-Id: 520A-0099-186

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1857 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Local Agency

Caller Name: MARK SALAMACK

DEC Investigator: CESAWYER

Spiller: MR CORNELL – 340 EAST 74TH STREET

Notifier Name: ROBIN NUERENBERG

Caller Agency: ABC TANK

Contact for more spill info: MARK SALAMACK

Spiller Phone: (212) 472-3116

Notifier Phone: (212) 247-2603

Caller Phone: (718) 272-2800

Contact Person Phone: (718) 272-2800

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/21/2000		TANK FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

APARTMENT BUILDING – TANK LET GO

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
10/27/03 1400 Hrs – Sawyer – Talked to JoAnn Graham of Orsid Realty. They manage the property. She is to send information to show the work that was done.

9/22/04 – Sawyer – Received documentation from Jo Ann for cleanup and repair by ABC Tank repair & Lining Inc. No further action required. Closed.

Map Identification Number 74  **345 EAST 59TH ST** **Spill Number: 9410362** **Close Date: 02/18/1997**
 345 E. 59TH ST-DOT GARAGE MANHATTAN, NY TT-Id: 520A-0095-172

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1889 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 345 EAST 59 STREET
 Revised zip code: 10022

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: KIRK BOBACK

DEC Investigator: WEISSMAN

Spiller: NYC DOT

Notifier Name:

Caller Agency:

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (914) 268-6660

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/03/1994		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	AIR

Caller Remarks:

550-GALLON GASOLINE TANK FAILURE FOUND DURING TANK REMOVAL, CONTAMINATED SOIL FOUND, HAD EXCAVATED & STOCK PILED.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 75 **222 EAST 68TH ST.**
 222 EAST 68TH ST.

MANHATTAN, NY

Spill Number: 9213496**Close Date: 03/08/1993**
TT-Id: 520A-0095-849

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1958 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: EDDIE DUYEL

DEC Investigator: CAMMISA

Spiller: DR. LICHY - OFFICE

Notifier Name:

Caller Agency: BAERENKLAU OIL CO.

Contact for more spill info:

Spiller Phone: (212) 879-4488

Notifier Phone:

Caller Phone: (718) 647-4200

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/08/1993	03/08/1993	TANK FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	42.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SERVICEMAN DISCOVERED LEAKING FUEL LINE - OIL TO CARPET - LINE TO BE REPLACED & CARPET TO P/U & DISPOSE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 76 **OLD VACANT PROPERTY**
 503-509 E.75TH ST

NEW YORK, NY

Spill Number: 0011107**Close Date: 03/23/2004**
TT-Id: 520A-0099-187

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1989 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Citizen	Notifier Name: STEVE GRENS	Notifier Phone: (914) 949-7336
Caller Name: STEVE GRENS	Caller Agency: AKRF ENVIROMENTAL	Caller Phone: (914) 949-7336
DEC Investigator: SMMARTIN	Contact for more spill info: STEVE GRENS	Contact Person Phone: (914) 949-7336

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended

01/11/2001		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller was doing tank removal and found contaminated soil unknown what product is – caller cell phone 914-589-9402

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
1/11/2001 Sangesland spoke with Steve Grens (AKRF Environmental 718-949-7336)

AKRF pulled four 1,000 gallon tanks (gasoline?) from under the slab floor of a former garage building. Building is still on the site and has approx 12' to 15' foot ceilings over the tank area.

Bedrock at the site is at between 7' and 12' depth. Contamination was found in the excavation. Sangesland directed AKRF to excavate as much of the contaminated material as possible then take end point samples.

Because there were four large tanks at the site, the DEC will require the installation of at least 1 well at the site.

SEE 0130013

4/23/02 CLEANUP UNDER THE VOLUNTARY CLEANUP PROGRAM. SMM.

Map Identification Number 77
 **APRT BUILDING**
 300 EAST 74TH STREET

MANHATTAN, NY

Spill Number: 0600049

Close Date: 05/23/2007
 TT-Id: 520A-0101-099

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2110 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name: RENEE LEWIS
 DEC Investigator: rvketani

Spiller: KURT - APRT BUILDING
 Notifier Name: RENEE LEWIS
 Caller Agency: EASTMAN & SONS
 Contact for more spill info: KURT

Spiller Phone: (212) 628-7949
 Notifier Phone: (917) 299-7257
 Caller Phone: (917) 299-7257
 Contact Person Phone: (212) 628-7949

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/03/2006		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	40.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

INSIDE THE TANK LEAKED AND IS CONTAINED: CALLER WOULD LIKE DEC TO CALL HIM BACK

DEC Investigator Remarks:

4/3/06-Vought-Daytime responder. Vought responded to site and spill was approximately 20-30 gallons of #6 fuel oil in secondary containment (no cracks) of UST. AL Eastmond(718-378-3000) and are removing oil from secondary containment, pumping UST dry and installing temporary tank on 73rd Street. Oil was first noted in secondary containment this morning. No effect to sump pit in adjacent boiler room. Tank is 15000-gallon partially buried UST with secondary containment on three sides of tank. Fourth side is buried in concrete. Site contact is Angel Pena and super is Kirk Corrigan (212-628-7919) and managing company is ACamp. Vought called Brown (212-508-7200) and they are not operating the building. Vought called emergency contact Bill Manion on PBS (212-628-7919) and Bill Manon no longer works at management company. Vought required: 1) tank tightness test 2) updated PBS registration. Letter should be sent to:

Tom Teeple
 c/o 374 Street
 8 West 38th Street
 NY NY 10018
 7th Floor
 Phone 212-986-0001x160
 fax 212-986-0002

Further contact should be with Teeple. Vought sent out tank tightness test letter with additional requirements of: 1)submission of test results 2)updated PBS information.

05/17/06–Vought–Spill transferred from DEC Vought to DEC Ketani as per DEC Austin.

6/16/06 – Raphael Ketani. I tried to reach Mr. Teeple (212) 986–0001, ext. 160, but could only leave a message.

6/19/06 – Raphael Ketani. Mr. Teeple called me and said that the tank was tested twice and a small leak was detected. He added that they expect to start work wednesday after they meet with the co–op board and get approval.

7/18/06 – Raphael Ketani. I spoke to Mr. Teeple. He said that he will send me the tightness test results, the PBS application, and a cover letter describing what is taking place and what they plan to do. He said that, right now, Controlled Combustion has been contracted to replace the tank and do test borings. I will send a PBS form to:

Tom Teeple
Director of Management Services
AKAM Associates
8 W. 38 Street
NY, NY 10018

8/4/06 – Raphael Ketani. Linda Andersen of AKAM (212) 986–0001, ext. 143 (7th Floor) called yesterday and requested the blank PBS Applications. I will send them to her today.

8/7/06 – Raphael Ketani. I received a package of documents containing both tank test results and the agreement for work between the contractor and the owners of the building.

8/23/06 – Raphael Ketani. I left messages for Mr. Teeple and Ms. Andersen.

Mr. Teeple called me back and said that they have received the permits to remove the old tank.

11/7/06 – Raphael Ketani. I tried to reach Mr. Teeple and Ms. Andersen, but could only leave voice mails.

The PBS case #2–113360 lists the 15000 gal. tank as still active.

Mr. Teeple called me back and said that they have taken soil samples, and installed the new tank and are waiting for some parts. I told him someone has to do the revised PBS form. He asked who. I told him it could be anyone, but I needed the original signature of the owners on the form. He said that even though I sent the form, he couldn't find it now and asked that I send another one. I sent the form to his attention today.

On 7/18/06, I sent the PBS form to Mr. Teeple. On 8/4/06, I sent another PBS form to Ms. Andersen.

3/22/07 – Raphael Ketani. Mr. Teeple called back. He said that the tank removal, room and soil cleanup, and tank reconstruction finished in January 2007. He said that he is sure Controlled Combustion has the soil results and he will have them send the

results to me. He added that the PBS form is probably ready to go, but he has to contact his assistant, who is supposed to be working on it.

3/27/07 – Raphael Ketani. Ms. Linda Anderson (212) 986-0001, ext 143 called me back to confirm what documentation DEC needed to close the case. I told her that we must receive the revised PBS form with the original signature, the soil analytical results, manifests for the removed soil, and a cover letter describing what happened and what was done to clean up the spill. She said she will have this done.

4/11/07 – Raphael Ketani. Linda of AKAM called and requested a 1 week extension to get DEC all of the paperwork. I granted the extension.

5/23/07 – Raphael Ketani. I checked the PBS registration. It shows that the 15000 gal. tank was closed and removed and the 13000 gal. tank was put in service in 1/2007. I also received a FAXed package of documents from Linda Andersen of AKAM. The package contained analytical results, waste manifests, and bills from Allstate ORC. The analytical results showed that the VOCs from each of the 3 samples were either non-detect or very far below the RSCO. The results also showed that the SVOCs were from non-detect to nor more than several times the RSCO limit for benzo series analytes.

Based upon the analytical results for 10/25/06, the waste manifests and the paid bills, I am closing the spill case.

Map Identification Number 78	APARTMENT		Spill Number: 0411981	Close Date: 10/25/2005
	300 EAST 74TH STREET	MANHATTAN, NY		TT-Id: 520A-0101-100
MAP LOCATION INFORMATION		ADDRESS CHANGE INFORMATION		
Site location mapped by: MANUAL MAPPING (3)		Revised street: NO CHANGE		
Approximate distance from property: 2110 feet to the NNW		Revised zip code: NO CHANGE		
Source of Spill:	PRIVATE DWELLING	Spiller:	AKAM ASSOC – APARTMENT	Spiller Phone: (212) 986-0001
Notifier Type:	Other	Notifier Name:	MARK SALAMICK	Notifier Phone: (917) 559-5519
Caller Name:	MARK SALAMICK	Caller Agency:	PETROLEUM TANK CLEANERS	Caller Phone: (917) 559-5519
DEC Investigator:	TLGIBBON	Contact for more spill info:	AKAM ASSOC	Contact Person Phone: (212) 986-0001

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
02/09/2005		TANK FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

A OIL LINE LEAK AT THIS LOCATION: OIL GOING INTO TANK ROOM: CAN SEE CONTAMINATION UNDER SIDE WALK:

DEC Investigator Remarks:

3/29/05 – Austin – Previously unassigned spill; reassigned to Austin for transfer up to Central Office for review/closure

6/8/05 – Project transferred to TLGibbons in Central Office , Albany

7/6/05 – Spoke with Mark Salamick, the spill caller from Petroleum Tank Cleaners, 917-559-5519. He said they sent the owner, AKAM Associates, 212-986-0001, a proposal for work but did not get job. His AKAM contact was Tom Teeple. Said A.L. Eastmond also bid job. Said spill was @ SE corner of 74th and 2nd Avenue. Spoke with Teeple. Said A.L. Eastmond was hired to do work. Fuel oil leak (#6) related to fill line leak. Impacted beneath sidewalk, driveway and fuel tank. Tank test ok. Spoke with Kurt Corrigan, super @ building, 212-628-7919. He said he would have Renee Lewis, A.L. Eastmond call me.

7/6/05 – Spoke with Mr. Lewis, 917-299-7257 (cell) or 718-378-7000 (Ext. 15). They have cleaned what they can access of the #6 spill without risking structural problems. Arrange to meet @ site.

7/12/05 – Meet Rene and Kurt @ site. Went into basement tank vault area. Tank in cement vault. Clean except for minor spill along wall and within vault area. Partial removal of wall to access spill area from broken fill line. Cleaned up what they could, replaced fill line. He will send me final report.

10/25/05 – Tried unsuccessfully to get final report from AKAM and A.L. Eastmond. Close site based on visual inspection.

Map Identification Number 79 **410 EAST 57TH ST/MANH**
 410 EAST 57TH STREET

NEW YORK CITY, NY

Spill Number: 9006099

Close Date: 11/06/2001
TT-Id: 520A-0096-753

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2147 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Citizen

Caller Name:

DEC Investigator: TOMASELLO

Spiller: UNKNOWN

Notifier Name:

Caller Agency:

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 308-0440

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/03/1990	11/06/2001	TANK FAILURE	YES		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ABC TANK CLEANING WILL CLEAN UP.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

11/06/01: MF-R9 DEAD ISSUE NO RP LISTED, NO ADDITIONAL INFO IN FILE. SPILL 11 YEARS OLD. NO FURTHER ACTION POSSIBLE. *****
COMPUTER FILE ONLY*****

Map Identification Number 80

ROOSEVELT HOSPITAL MOSF
UNDER 59TH ST BRIDGE

NEW YORK, NY

Spill Number: 0503392

Close Date: 09/28/2005
TT-Id: 520A-0096-957

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
Approximate distance from property: 2188 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: GOLDWATER MEMORIAL HOSPITAL
Revised zip code: 10044

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Citizen

Caller Name: MOHAN HEDE

DEC Investigator: JXZHAO

Spiller: UNKNOWN

Notifier Name: ANONYMOUS CITIZEN

Caller Agency: NYCDEP

Contact for more spill info:

Spiller Phone:

Notifier Phone: () –

Caller Phone: (732) 906-6862

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/20/2005		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

#1D fuel

DEC Investigator Remarks:

Zhao & Tiple responded to the site.

Refers to spill 0503272.

Map Identification Number 81



GOLDWATER HOSPITAL
1 MAIN STREET
F.D. ROOSEVELT ISLAND

NEW YORK, NY 10044

Spill Number: 0503272

Close Date: 05/10/2007
TT-Id: 520A-0096-958

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
Approximate distance from property: 2188 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: GOLDWATER MEMORIAL HOSPITAL
Revised zip code: NO CHANGE

Source of Spill: MAJOR OIL FACILITY (>400,000 GAL)
Notifier Type: Other
Caller Name: JERRY ILLIANO
DEC Investigator: hrpatel

Spiller: JERRY ILLIANO – GOLDWATER HOSPITAL
Notifier Name: JERRY ILLIANO
Caller Agency: GOLDWATER HOSPITAL
Contact for more spill info: JERRY ILLIANO

Spiller Phone: (212) 318-4751
Notifier Phone: (212) 318-4751
Caller Phone: (212) 318-4751
Contact Person Phone: (212) 318-4751

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/17/2005		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

THE FILL LINE GOING TO TANK HAS ROTTED OUT: IN PROCESS OF REPAIRING AND CLEANING UP AND TANK HAS BEEN SHUT OFF

DEC Investigator Remarks:

Contaminated Soil Letter sent to:

Jerry Illiano
Senior Stationary Engineer
Goldwater Memorial Hospital
1 Main Street
Roosevelt Island, NY 10044

Fax 212-318-4769

6/21/05. Reassigned from S. Rahman to J. Zhao (MOSF facility). YK

Stipulation Agreement sent.

06/23/06 – Zielinski

In her e-mail to Chet Bijoor, dated May 5, 2006, Jie Zhao approves a work plan for the site investigation and tank testing. A report from these activities must be sent to the department.

07/17/06 – Zielinski

Chet Bijoor, Chief Environmental Engineer of Warren and Panzer, calls and says that soil borings will be conducted on July 20, 2006.000

07/20/06 – Zielinski

Soil boring are conducted by Warren and Panzer Engineers at seven locations, according to an approved plan. Since two areas previously selected are difficult to penetrate by a geoprobe, locations at a parking lot--east of underground tanks--are selected instead.

07/21/06 – Zielinski

A tightness test of tank #8 is performed by the Petroleum Tank Cleaners. The tank fails the test, and the company decides to check the tightness of a ventilation line. If it passes the test, other tank lines will be checked.

05/10/07-Hiralkumar Patel. case merged into spill #: 0701429 and will be investigated under new case #.

07/23/07-Hiralkumar Patel. received supplemental Phase II report from Warren & Panzer. they collected three soil samples from line area of tank #7. no contamination found in any samples.

administratively closed.

Map Identification Number 82 **38-54 VERNON BLVD**
 38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9601426**Close Date: 05/30/1996**
TT-Id: 520A-0132-816

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
 Revised zip code: NO CHANGE

Source of Spill: PASSENGER VEHICLE
 Notifier Type: Responsible Party
 Caller Name: JOSEPH DEVOTI
 DEC Investigator: CAENGELH

Spiller: CON EDISON
 Notifier Name: MR MCGANN
 Caller Agency: CON EDISON
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6763
 Contact Person Phone: (0) –

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/28/1996		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	5.00	GALLONS	5.00	GALLONS	SOIL

Caller Remarks:

hole in gas tank – cleaned up

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

Map Identification Number 83 **VAULT**
 240 EAST 76TH STREET

NEW YORK, NY 10021

Spill Number: 0506087**Close Date: 02/14/2007**
TT-Id: 520A-0098-284

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2611 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO REVISION MADE

Source of Spill: UNKNOWN	Spiller: NEAL DEUGAN – VAULT	Spiller Phone: (212) 210-6612
Notifier Type: Other	Notifier Name: ISAAC MUNGRA	Notifier Phone: (718) 378-7000
Caller Name: ISAAC MUNGRA	Caller Agency: AL EASTMOND & SONS	Caller Phone: (718) 378-7000
DEC Investigator: SFRAHMAN	Contact for more spill info: NEAL DEUGAN	Contact Person Phone: (212) 210-6612

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/17/2005		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

WILL EMPTY TANK AND FIND OUT WHY AND WHERE COMING FROM;

DEC Investigator Remarks:

6/29/06 – Transferred from O'Connell to Austin, and then to Rahman, for investigation with A.L. Eastmond as to what was found in the vault investigation – end

07/20/06 Rahman– I spoke with Ms. Aerlia of Rose Associates, and letter was sent to(fax:212.210.6733& mail)

Rose Associates,Inc.

200 Madison Avenue,5th Floor

New York, NY 10016

Attn: J. Brian Peters

10/02/06 Rahman– Faxed the letter again @212.651.6722. Building manager is Edrien Alicea. I spoke with Ms. Kimberly and she would forward the messege to the building manager.

02/14/07 Rahman– Sharif with Brian Falvy and ECO Mike Mat inspected the site on 01/19/07.The new tank is not registered, PBS unit issued NOV for that.Tank room was clean, no odor observed.Spill can be closed.



CLOSED STATUS TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 84



MOBIL GAS STATION

61 ST / 62 ST / YORK AVE

, NY

Spill Number: 9414499

Close Date: 02/02/1995

TT-Id: 520A-0099-221

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 768 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: MOBIL GAS STATION

Revised zip code: 10021

Source of Spill: GASOLINE STATION

Notifier Type: Citizen

Caller Name: ANONONYMOUS

DEC Investigator: TOMASELLO

Spiller: MOBIL GAS

Notifier Name:

Caller Agency: CITIZEN

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/02/1995	02/02/1995	TANK TEST FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

CITIZEN SMELL GASOLINE VAPOR ON THE 14TH FLOOR. MOBIL GAS STATION IS RENOVATION, TANKS ARE EXCAVATED. GASOLINE LEAK POSSIBLE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 85  **MOBIL S/S** **Spill Number: 9207889** **Close Date: 07/02/2003**
 1132 YORK AVENUE NEW YORK, NY TT-Id: 520A-0099-208

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 768 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
 Notifier Type: Tank Tester
 Caller Name: SCOTT SCHOCK
 DEC Investigator: GIBBONS

Spiller: MIKE MEOLA – EXXONMOBIL CORP
 Notifier Name:
 Caller Agency: FENLEY & NICOLE
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (516) 586-4900
 Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/07/1992		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

NOT SURE IF ANYTHING SPILLED WILL CALL FD-MOBIL WILL TAKE CARE OF IT- VALVE LEAK SUSPECTED-VIC CONSTR WILL REPAIR ATTEMPTED TO CALL MR.SCHUCK TO OBTAIN ADDITIONAL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 86
 **MOBIL S/S**
 1132 YORK AVENUE

NEW YORK, NY

Spill Number: 9207273

Close Date: 05/29/2012
 TT-Id: 520A-0099-206

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 768 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
 Notifier Type: Responsible Party
 Caller Name: ROBIN BUNN
 DEC Investigator: JJDRUMM

Spiller: JOANNE WALLACH – EXXONMOBIL CORPORATION
 Notifier Name:
 Caller Agency: MOBIL OIL CO.
 Contact for more spill info:

Spiller Phone: (908) 474-245
 Notifier Phone:
 Caller Phone: (703) 849-3330
 Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/23/1992		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

NYC AIR TEST PERFORMED BY FENLEY & NICOLE CO.- FITTINGS ROTTED OUT ON DISPENSERS PLUS A REMOTE FILL GASKET NEEDS TO BE REPLACED REPAIRS ON 9/24/92.

DEC Investigator Remarks:

5/8/07 – Raphael Ketani. I received a call from Dave Hermantan of P.W. Grosser (631) 589-6353 stating that his company is the consultant for the Bentley Hotel at 1150 York Avenue (500 E. 62 Street) in Manhattan. He stated that his company was putting together an environmental plan for the hotel and that there are gasoline odors in the lobby. He said that there is an Exxon-Mobil gas station next door at 1132 York Avenue. He said that this has been an ongoing problem for several months now.

A little while later, Mr. Hermantan called back to say that he had talked to his supervisor and there isn't an odor problem. I

responded anyway and made a site visit in the morning. I met the assistant general manager of the hotel, Erika Cianciulli (212) 644-6000, and she showed me the lobby and the garage beneath the hotel and the gas station.

The vapor levels in the lobby were about 120 to 150 ppb, according to the PID meter. I didn't sense any odors. The garage ambient vapors were 170 to 200 ppb, and the odors were of exhaust. However, the southwest corner of the garage had vapor concentrations of about 300 ppb. I did not sense any gasoline odors. However, Ms. Cianciulli said that she does sense gas vapors on warm days and when the station gets a fill up.

I told Ms. Cianciulli about my findings and went to see the manager of the gas station. I met Eyaniman Palouki, manager (212) 935-7467, and told him why I was here. He gave me a copy of a letter from Gemstar and told me that some people from Exxon-Mobil had visited the gas station in March 2007, did some tests and left.

I contacted Gemstar (718) 442-8200, but could only leave a message.

5/10/07 – Raphael Ketani. Mike Meyerhoffer from Kleinfelder Inc. (631) 218-0612 contacted me in response to my call to Gemstar. He said that Thomas Gibbons in Albany DER was the case manager for the spill case involving the gas station. He said that a consultant from his company did a vapor survey in the garage with a ppm PID meter and detected 0.0 to 0.2 ppm total VOCs. He said that quarterly reports are submitted to Mr. Gibbons. Mr. Meyerhoffer added that there is a vapor abatement system in the vault for the gas tanks. I told him that since Mr. Gibbons was involved in the active spill case, then I will leave it up to him to monitor the situation.

May 2010 – The SVE system has been operating since November 30, 2005. OM&M is conducted monthly. It has been observed that during tank refills for this active service station that there is a spike in recovery volume, suggesting that there may be a tank leak, although pressure tests of the tanks have indicated that the tanks are sound. The Department requested that the USTs be reevaluated by an independent tank tester to determine the source of these recovery spikes. The tanks were tested on November 10, 2009 and found to be sound. Other options will be discussed with the consultant. The latest SSUR was issued May 25, 2010. OM&M and VES sampling continues every two months with results consistent with the previous SSUR. results.

Nov. 2010. Kleinfelder called to say that in January or February 2011 the tanks, tank vault, and associated Vapor Abatement System (VAS) will be removed as part of EM divesting itself from this property. EM wished to close the spill and the consent order at that time.

July 2011. Tanks that were in a basement vault have been yanked. EM has submitted a request to close. It is being reviewed by staff.

Project transferred to J. Drumm on 11/22/11. (11/25/11)

Pea gravel surrounding the tanks tested positive for diesel range organics. PM from GES does not want to sample under the parking garage floor due to high water table. GES is reviewing options for determining whether any contamination exists under the former tank area. (1/27/12)

Map Identification Number 87 **MERCEDES DEALERSHIP**
 1133 YORK AVE

MANHATTAN, NY

Spill Number: 0007106

Close Date: 03/18/2004
 TT-Id: 520A-0095-166

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 870 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Tank Tester

Caller Name: MATTHEW MATCHETTE

DEC Investigator: TJDEMEO

Spiller: GIN COSTANTINI - MERCEDES DEALERSHIP

Notifier Name: MATTHEW MATCHETTE

Caller Agency: CROMPCO CORPORATION

Contact for more spill info: GIN COSTANTINI

Spiller Phone: (631) 249-3150

Notifier Phone: (610) 278-7203

Caller Phone: (610) 278-7203

Contact Person Phone: (631) 249-3150

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
09/15/2000		TANK TEST FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	10000	USTest 2000/P/LL plus USTest 2000/U	0.00	UNKNOWN

Caller Remarks:

TYREE WILL MAKE REPAIRS AND CROMPCO WILL LATER RE-TEST.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
 1/23/04 TJD

Dave Yudelson called concerning site. A property transfer is pending on site. A work plan is being prepared by PW Grosser to investigate if any leak occurred from this tank. Dave states repairs and retest of tank occurred but is unable to produce any documentation. 10K UST tank is located beneath center of building, inside. The work plan will propose three borings along tank centerline.

2/5/2004 Sangesland spoke to Robert Bertlesman (leaseholder) He says the tank is in service and is under the floor in the middle of the building. Sangesland informed him that use of the tank was against the law until the spill number is closed out. The soil borings which are needed can be done adjacent to the tank, but a Test Plan for the location of the borings would need to be submitted to Tim DeMeo for approval prior to the work being done.

Sangesland faxed a copy of this spill report to Mr. Bertlesman.

2/19/04 TJD

Attorney Dave Yudelson (representing owner) contacted Demeo regarding access problems with site tenant (RCN). Dave states building owner wants to move forward with an investigation but tenant will not provide access. He further states that tank is still in use after failing the tightness test in September 2000.

Standard TTF letter mailed to registered owner and faxed to Yudelson @ 212 906 9032.

3/18/04 TJD

Tank test performed – passed. Subsurface investigation performed revealing low level SVOC contamination likely caused by historic fill. Site does not meet standards. Spill closed.

Map Identification Number 88 **1339 YORK AVE/MANHATTAN**
 1339 YORK AVE

NEW YORK CITY, NY

Spill Number: 8708901

Close Date: 11/05/1993
 TT-Id: 520A-0099-026

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 976 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Tank Tester
 Caller Name:
 DEC Investigator: BATTISTA

Spiller: MARY MANNING WALSH HOME
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone: (212) 628-2800
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
01/19/1988	11/05/1993	TANK TEST FAILURE	2-266949	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

1500 GALLON TANK SYSTEM FAILED PETRO TITE WITH LEAK RATE OF -.281GPH.CONTACT: DIRECTOR OF ENGINEERING (212) 628-2800 EXT 204.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 89
 **MARY MANNING NURSING HOME**
 1339 YORK AVE

MANHATTAN, NY

Spill Number: 1012370

Close Date: 10/06/2011
 TT-Id: 520A-0260-512

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 976 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Tank Tester
 Caller Name:
 DEC Investigator: RMPIPER

Spiller: KRISTIN CIABURRI - ATEC ENVIRONMENTAL
 Notifier Name:
 Caller Agency:
 Contact for more spill info: KRISTIN CIABURRI

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (646) 533-2290

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/11/2011		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

Tank test failure on UST. Tank to be removed. Pending assessment. Request callback ASAP from Spill Responder.

DEC Investigator Remarks:

DEC Piper spoke with kristen. As per conversation tank failed a tightness test. It was first believed to be a wet leak though after retesting it was found to be dry. Possible oil in line gave false reading. ATEC will return tomorrow and pump out tank and investigate. Tank will be replaced. followup needed.

DEC Piper received documentation that tank was replaced. Endpoints show low level SVOC and VOC. Spill closed. See edocs if warranted.

Map Identification Number 90
 **COMMERCIAL BLDG**
 420 EAST 62ND ST

NEW YORK CITY, NY

Spill Number: 0704195

Close Date: 10/09/2007
 TT-Id: 520A-0089-835

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1022 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Local Agency
 Caller Name:
 DEC Investigator: bkfalvey

Spiller:
 Notifier Name:
 Caller Agency:
 Contact for more spill info: MARLIN JOSEPH

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (718) 624-4842 ext. 1

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended

07/13/2007		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	10000	Unknown	0.00	UNKNOWN

Caller Remarks:

EZ-3 LOCATOR PLUS – TANK WILL BE EVACUATED AND FURTHER INVESTIGATION WILL BE DONE

DEC Investigator Remarks:

7/25/07 Called Gary Dorin of Edison Properties, LLC (973)849-2546. Left message requesting a call back. bf

8/17/07 Pasquale Soriano of Edison Properties called (973)849-2600 and left message. He is in charge of this building.

8/21/07 Mr. Soriano called and left message. I called him back. All Climate is handling repairs. Tank is AST. They are under contract to install new boilers. Sent ttf letter to:

Pasquale Soriano
Edison Properties, LLC
100 Washington St.
Newark, NJ 07102

bf

9/6/07 Received message from Carol 718-894-7505. Tank was repaired (she's not sure of repairs made) and passed retest. She is requesting a two week extension. I told her that was fine. bf

9/14/07 received letter from Caroline Gallego of All Climate. Letter included 3 sheets from Petroleum Tank Cleaners showing that manhole was resealed with new nuts and bolts.

10/9/07 Received call from Caroline Gallego of All Climate Mechanical Corp. Wanted to know status because she sent in a report from PTC and she requested a NFA letter. I did not receive the report, so she faxed it to me. It was a tightness test report and not a closure report. Called Caroline back and explained that a response to my 8/21/07 letter is required. She said she will contact PTC and request a letter. Received another call from C. Gallego. She said that All Climate did the repair work. She faxed a letter to me stating no contamination found. NFA. Letter sent to:

Christine Gallego
All Climate Mechanical Corp.
565 Woodward Avenue
Ridgewood, NY 11385 bf

Map Identification Number 91



APARTMENT BLDG

333 EAST 66TH ST

MANHATTAN, NY

Spill Number: 9907957

Close Date: 11/04/2005

TT-Id: 520A-0095-845

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1037 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Tank Tester
 Caller Name: RENE LEWIS
 DEC Investigator: LJALDEN

Spiller: STANLEY – APARTMENT BLDG
 Notifier Name: RENE LEWIS
 Caller Agency: AL EASTMAN & SON
 Contact for more spill info: STANLEY

Spiller Phone: (212) 879-2816
 Notifier Phone: (718) 378-3000
 Caller Phone: (718) 378-3000
 Contact Person Phone: (212) 879-2816

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/30/1999		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	10000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

WILL ISOLATE AND RE-TEST TANK AND LINES.

DEC Investigator Remarks:

Cross Ref to Spill #0505212

Per PBS 2-600586 Form Contact is:

Ms. Donna Weinberg
 Lawrence Properties
 855 Ave of the Americas
 New York, NY 10001

11/04/05 – L. Alden – Consolidated with spill #0505212. More recent spill was tank test failure in same tank as earlier tank test failure. TTF letter sent to same person for both spills. Closed spill.

Map Identification Number 92
 **APARTMENT**
 333 EAST 66TH STREET

NEW YORK, NY 10021

Spill Number: 0505212

Close Date: 12/28/2007
 TT-Id: 520A-0097-497

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1037 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO REVISION MADE

Source of Spill: PRIVATE DWELLING

Notifier Type: Tank Tester

Caller Name: MARLON JOSEPH

DEC Investigator: SFRAHMAN

Spiller: MARLON JOESPH - APARTMENT

Notifier Name: MARLON JOSEPH

Caller Agency: PETROLIUM TANK CLEANERS

Contact for more spill info: MARLON JOESPH

Spiller Phone: (718) 624-4842

Notifier Phone: (646) 772-7949

Caller Phone: (646) 772-7949

Contact Person Phone: (718) 624-4842

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
07/29/2005		TANK TEST FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL		PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	10000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

PBS No: 2-600586

DEC Investigator Remarks:

TTF letter sent to PBS Contact:

Ms. Donna Weinberg
 Lawrence Properties
 855 Ave. of the Americas
 New York, NY 10001

03/20/06-Sharif Rahman- Resent the letter to above address after spoken with Donna Weinberg,(212)868-8320, Fax:(212)279-2119
 05/08/06 Sharif Rahman- I spoke with Ms. Georgia @ 212-868-8320 x 360 and she indicated that the former tank would be closed in place and new above ground tank will be installed.I emphasized her about the subsurface investigation before close out the tank.

05/17/06 Sharif Rahman- I spoke with Mr. Galdun,(646)542-3465 from GFE. He indicated that they did borings around the tank and found no contamination except at one location near the oil pump which is used to transfer oil from tank to boiler.

11/07/06 Rahman- Left a messege for Ms. Barton to follow up about the required investigation work which were outlined in Department's October 16'06 letter.

03/02/07 Rahman- Department rec'd response letter from Galdun Frankel Environmental, dated 01/29/07.GFE found no evidence indicating that the site UST had leaked petroleum to the environment.This conclusion is supported by the lack of any oil staining or seepage on the concrete vault walls that enclose the UST.The only area where physical evidence of petroleum release was found consisted of stained concrete flooring around the oil pumps located adjacent to the west side of the UST vault.The soil borings drilled near the oil pumps showed some evidence of petroleum impact within the thin layer of soil above bedrock.No free product was encountered.The findings of the discharge investigation pointed to intermittent leaks from the oil circulation pump as the cause of the release.GFE concluded that there is no potential for the conditions discovered beneath the floor slab to adversely impact ground water.

08/24/07 Galdun Frankel Environmental proposed to take soil sample from the bottom of the tank.Work plan dated April 13, 2007 is in file.(SR)

The spill case is administratively closed as the RP failed to perform additional investigation to show the tank did not release any oil at the bottom.(SR)

Map Identification Number 93**RESIDENCE**

330 E 70TH ST
 330 E 70TH STREET

NEW YORK, NY 10021

Spill Number: 0505464

Close Date: 12/06/2006

TT-Id: 520A-0097-498

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1096 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 330 EAST 70TH ST

Revised zip code: NO REVISION MADE

Source of Spill: PRIVATE DWELLING

Notifier Type: Tank Tester

Caller Name: RENEE LEWIS

DEC Investigator: SFRAHMAN

Spiller:

Notifier Name: RENEE LEWIS

Caller Agency: EASTMAN & SONS

Contact for more spill info: RENEE

Spiller Phone:

Notifier Phone: (718) 378-7000 ext. 1

Caller Phone: (718) 378-7000 ext. 1

Contact Person Phone: (917) 299-7257

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/04/2005		TANK TEST FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
s	7500	Horner EZ Check I or II	0.00	FAIL
The following tank was deleted from the reported data. Data reflects last reported information.				
s	7500	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

7500 gal tank--no 6 oil--bank test--dry air leak--techs on scene--updated in 7 days

DEC Investigator Remarks:

TTF letter sent to PBS address - PBS #2-031887

330 East 70th St Tenants Corp.
c/o Goodstein Management, Inc.
211 East 46th St
New York, NY 10017

Attn: Teresa Austin

09.20.05. SR//Teresa Austin replied by a letter stating they are going to install temp. tank to replace the existing tank and re test it. That work was scheduled to be done in August.

10.05.05 SR// Sharif reviewed and approved the site assesment work plan.

12/28/05 Sharif//Rec'd and reviewed investigation summary report prepared by Jade Environmental, Inc. Six soil borings were advanced around the tank and analyzed for VOC/SVOC. Soil analytical results shows exceedance for Xylene, Benzo(a)anthracene, Chrysene, Naphthalene at the north end of the tank. Reason for not removing contaminated soil is not justified in the report. Removal of contaminated soil is recommended. Moreover, in case of closing the tank in place, samples should be taken by installing borings through the bottom of the tank to identify any underlying contamination that might exist. Mr. Dave Pelletier (845) 897-2188 and Ms. Laura Bruno (212) 376-8600 have been relayed the requirement for considering closure of the case. 10/11/06 Rahman- Inspected the excavation work at the site. After removal of the contaminated, stained soil, end point sample will be collected. A new aboveground tank will be installed.

12/06/06 Rahman- Closure report available on edocs. Contaminated soil was removed after breaking the concrete covering the tank. Approx. 48 tons of contaminated soil went out for disposal. Waste disposal manifest was provided. Six end point samples were sent to lab for analysis. VOC/SVOCs were below TAGM limit except Chrysene which is slightly above the limit. NFA required. New tank needs to be registered.

Map Identification Number 94 **APARTMENT COMPLEX**
 625 MAIN ST

Spill Number: 9802723
 ROOSEVELT ISLAND, NY 10044

Close Date: 06/24/2005
 TT-Id: 520A-0096-945

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1238 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Tank Tester
 Caller Name: DAVE FAZIN
 DEC Investigator: EXHAMPST

Spiller: FRED CUBERO – RESIDENCE
 Notifier Name: DAVE FAZIN
 Caller Agency: A-1 CROWN LEAK
 Contact for more spill info: FRED CUBERO

Spiller Phone: (212) 838-4747
 Notifier Phone: (516) 939-2959
 Caller Phone: (516) 939-2959
 Contact Person Phone: (212) 838-4747

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/01/1998		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
01	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

TANK TO BE UNCOVERED AND RE-TESTED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"

6/24/05 E. Hampston: See PBS 2-272566. Tank re-tested 11/10/00. Due for another test 11/05. Close Spill.

Map Identification Number 95**RESIDENCE**

625 MAIN ST

ROOSEVELT ISLAND, NY 10044

Spill Number: 0300870**Close Date: 09/18/2003**

TT-Id: 520A-0096-938

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1238 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Tank Tester

Caller Name: SCOTT SWEZEY

DEC Investigator: JBVOUGHT

Spiller: ANGEL

Notifier Name: SCOTT SWEZEY

Caller Agency: PRO TEST

Contact for more spill info: ANGEL

Spiller Phone: (718) 387-5600 ext. 2

Notifier Phone: (631) 321-4670

Caller Phone: (631) 321-4670

Contact Person Phone: (718) 367-9800 ext. 2

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/24/2003		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

RECOMMEND TO ISOLATE AND RE-TEST

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
4/25/2003 DESK-TIPPLE/ TTF LETTER SENT

6/11/2003-Vought -Spoke with Antoinette Ollivierre (Clean Harbors-718-387-5600) who was hired to perform soil borings. Clean Harbors was hired by controlled Combustion.

9/5/2003-Vought-Received call from Jerry Williams regarding status of site. Vought reviewed closure report received 7/17/2003.

Piping was isolated from tank and separately tested. Pipin passed isolation test and UST failed test. Tank was removed and four borings were performed by Clean Harbors on three sides of tank to a depth of 12' (refusal on bedrock at 12'). Fourth side was occupied by residence (no odor complaints). Soil analyticals showed no TAGM 4046 exceedances.

NYSDEC requires: Soil description due to minor PAH exceedance (Chrysene at 930ppb).

9/11/03-Vought-Letter to NYSDEC from Controlled Combustion including soil desription of fill material (cause of PAH exceedance). Spill closed by Vought. NFA sent by Vought.

Map Identification Number 96 **RESIDENCE** **Spill Number: 9802725** **Close Date: 08/11/2005**
 540 MAIN ST ROOSEVELT ISLAND, NY TT-Id: 520A-0096-943

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 1242 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: 10044

Source of Spill: PRIVATE DWELLING
 Notifier Type: Tank Tester
 Caller Name: DAVE FAZIN
 DEC Investigator: JMPALTON

Spiller: FRED CUBERO – RESIDENCE
 Notifier Name: DAVE FAZIN
 Caller Agency: A-1 CROWN LEAK
 Contact for more spill info: FRED CUBERO

Spiller Phone: (212) 838-4747
 Notifier Phone: (516) 939-2959
 Caller Phone: (516) 939-2959
 Contact Person Phone: (212) 838-4747

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/01/1998		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
01	5000	Horner EZ Check I or II	4.00	UNKNOWN

Caller Remarks:

TANK TO BE UNCOVERED AND RE-TESTED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"

August 10, 2005

Jason Pelton, as part of spills backlog initiative, contacted responsible party (Roosevelt Island Management Corp) to obtain information on Spill#9802725. Initially spoke with Doryne Isley, with the Roosevelt Island Management Corp. Doryne faxed a copy of the invoice that Petroleum Tank Cleaners submitted for UST repair work following the tank test failure reported on 6/1/1998. The tank repair work included uncovering the UST along with the excavation, removal, and replacement of the UST piping. During this repair work, there was no evidence of a petroleum release and soil contamination. Doryne faxed a copy of the Petroleum Tank Cleaners invoice for the UST repair work and a tank tightness test completed on 9/14/1998. The September, 1998 tank tightness test passed.

Jason had a follow-up phone conversation with Bradley Cohen (Roosevelt Island Management Corp Director of Operations). Bradley sent a more recent (4/24/2003) tank tightness test completed by Controlled Combustion. This tank tightness test also passed and was reportedly faxed to the NYSDEC. Bradley indicated that A-1 Crown Leak completed the initial tank tightness test using air. This test failed and the spill was reported by A-1 Crown Leak. There was no actual petroleum spill, but a tightness test that did not pass.

Based on the exposure of the UST and the excavation, removal, and replacement of piping during the September 1998 repair work there was no evidence of a petroleum release. The two tank tightness tests (9/14/1998 and 4/24/2003) document that the repair work was effective and that there are no tank integrity concerns. Based on this information, Spill Number 9802725 was closed by Jason Pelton on August 11, 2005.

Remarks prepared by Jason Pelton

Map Identification Number 97

540 MAIN ST
540 MAIN STREET

NEW YORK CITY, NY

Spill Number: 9000925**Close Date: 11/02/1992**

TT-Id: 520A-0096-940

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 1242 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: 10044

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Tank Tester

Caller Name: SEBASTIAN LOREFICE

DEC Investigator: BATTISTA

Spiller:

Notifier Name:

Caller Agency: TANK TEST INC

Contact for more spill info:

Spiller Phone: (212) 833-4747

Notifier Phone:

Caller Phone: (718) 789-3770

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/25/1990	11/02/1992	TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

5K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, LEAK VISIBLE AT MANWAY, WILL EXCAVATE, ISOLATE & RETEST.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 98 **1102 -6 FIRST AVE/GETTY**
 1102 FIRST AVE

NYC, NY

Spill Number: 9104429

Close Date: 07/26/1995
 TT-Id: 520A-0099-188

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 1455 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name:

DEC Investigator: FINGER

Spiller:

Notifier Name:

Caller Agency:

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
07/25/1991	07/26/1995	TANK TEST FAILURE	UNKNOWN		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE		PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL
TANK TEST INFORMATION							
Tank Number	Tank Size	Tank Test Method	Leak Rate			Gross Leak or Failure	
		Unknown	0.00			UNKNOWN	
Caller Remarks:	NO REMARKS GIVEN FOR THIS SPILL						
DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.							

Map Identification Number 99 **MANHATTAN EAST 05,08,08A DOS -DDC**
 545 EAST 73RD STREET

MANHATTAN, NY

Spill Number: 9101174

Close Date: 02/18/2005
 TT-Id: 520A-0100-040

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1508 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name: SAAD ZOUAK
 DEC Investigator: Allslam

Spiller: NYCDOS
 Notifier Name:
 Caller Agency: CONSULTANT
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 768-0516
 Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
 Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/28/1991		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SURFACE WATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

SPILLAGE IS AT FILL AREA,MAY WASH INTO RIVER,ONGOING WHENEVER THER IS FUEL DELIVERY. Also see spil #s 9709493 and 9808623.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"
Contaminated soils found by site investigation in 1994.

TRANSFERRED FROM Y.KRIMGOLD.

The spill is closed to consolidate with spill # 0212278. The site is currently under remediation by LiRo Engineers. -II (02/18/05).

Map Identification Number 100



MANHATTAN EAST 05,08,08A DOS -DDC
545 EAST 73RD STREET

MANHATTAN, NY

Spill Number: 0212278

Close Date: 05/16/2005
TT-Id: 520A-0100-038

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1508 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Tank Tester

Caller Name: JOHN LEDDY

DEC Investigator: Allslam

Spiller: NY CITY DEPT SANITATION

Notifier Name:

Caller Agency: PROTEST

Contact for more spill info: JAY SHAH

Spiller Phone:

Notifier Phone:

Caller Phone: (631) 321-4670

Contact Person Phone: (718) 334-9138

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
03/13/2003		TANK TEST FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	4000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

REMOTE FILL FAILED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"

4/7/03. Y.K. spoke to Nill Gallagher (BBM DOS). Leak in the fill line underground close to the tank #001. UST is still in service utilizing direct droop. Will excavate, repair and retest. Also, asked DOS to correct info. on PBS registration (single wall tank with interstitial monitoring ?).

11/05/03. J. Krimgold called Mr. Gallagher (718-334-9138) and left a message.

11/07/03. J. Krimgold spoke to Nill Gallagher. He stated that the failed tank has been out of service since 03/03. They started excavation today. Will inform DEC Monday on the progress and also on the testing of other tanks at this site.

Tanfered to J. Kolleeny on 01/12/04 and subsequently to I. Islam.

5/16/05- The site is under active remediation by LiRo Engineers due to other open spills (# 0001929 & 9913369) at the site. Therefore, this spill is closed to consolidate with motor oil related spill # 0001929.- II.

Map Identification Number 101 **NYCDOS MANH E. 5, 8 & 8A -DDC**
 545 EAST 73RD STREET

MANHATTAN, NY

Spill Number: 0012704**Close Date: 11/07/2006**
TT-Id: 520A-0100-037

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1508 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Tank Tester

Caller Name: JOHN LEDDY

DEC Investigator: JAKOLLEE

Spiller: NYC DEPT OF SANITATION

Notifier Name: A. RODRIGUEZ

Caller Agency: PROTEST ENTERPRISES

Contact for more spill info: HARRY TAKOURIAN

Spiller Phone:

Notifier Phone:

Caller Phone: (631) 321-4670

Contact Person Phone: (914) 633-7500

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/28/2001		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	7500	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

failed horner ez3 tank test

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"

2/18/01 CONVERSATION WITH PROTEST ENTERPRISES, JOHN LEDDY STATED THAT THERE IS A CONTRACT TO TEST THE HEATING OIL TANKS FOR ALL
 OF THE NYC SANITATION FACILITIES.

Transferer to J. Kolleeny on 01/12/04.

9/27/05: This spill transferred from Kolleeny to Imdadul Islam, DEC case manager for this site. – J. Kolleeny

3/10/06: This site is transferred from I. Islam to Q. Abidi.

11/07/06: This spill closed to consolidate with open spill number 0001929, under which remediation of this DDC consent order site is being tracked. – J. Kolleeny

Map Identification Number 102**APARTMENT BLDG**

311 EAST 71ST ST

NEW YORK, NY

Spill Number: 0509514**Close Date: 06/15/2006**

TT-Id: 520A-0095-832

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1539 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Tank Tester

Caller Name: JIM MELNICK

DEC Investigator: rvketani

Spiller: NEIL TOMASETTI – A.L. EASTMAN

Notifier Name: DANNY LOPEZ

Caller Agency: PROTEST

Contact for more spill info: NEIL TOMASETTI

Spiller Phone: (718) 378-7000

Notifier Phone: (631) 321-4670

Caller Phone: (631) 321-4670

Contact Person Phone: (718) 378-7000

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
11/08/2005		TANK TEST FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

Tank Test Failure.

DEC Investigator Remarks:

PBS 2-147591

NEED to send a TTF letter

Nov. 25, 2005

A "Tank Test Failure Letter" was sent to:

Mr. Mitchell Berg
 Maxwell-Kates Inc
 9 East 38th Street- 6th Floor
 New York, NY 10016

05/17/06-Vought-Spill transferred from DEC Vought to DEC Ketani as per DEC Austin.

6/15/06 – Raphael Ketani. I received the September 2, 2005 cover letter/narrative for the soil investigation at the site from Neil Tomasetti of A. L. Eastman & Sons and the 9/1/05 soil analytical results report. The analytical report indicated that there was no soil contamination. The letter 9/2/05 letter stated that no contamination was found.

Based upon the 9/2/05 letter and analytical results, I am closing this spill case.

Map Identification Number 103 **350 EAST 60TH STREET**
 350 EAST 60TH STREET

NEW YORK, NY

Spill Number: 9312077

Close Date: 11/27/2006
 TT-Id: 520A-0095-180

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)
 Approximate distance from property: 1618 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Tank Tester

Caller Name: SCOTT SCHUCK

DEC Investigator: HRPATEL

Spiller: NY HUNTER

Notifier Name:

Caller Agency: FENLEY & NICOLS

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (516) 586-4900

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/13/1994		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

WILL PUMP OUT TANK -

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"

10/10/95: This is additional information about material spilled from the translation of the old spill file: TTF.

4/12/04-Vought-Spill transferred from Tang to Rommel as per Rommel.

11/29/05 - L. Alden - Site is the block (between 1st and 2nd Avenues and E. 59th and E. 60th Streets) situated beneath ramps to the Queensboro Bridge, formerly owned by York Hunter Construction Co. Refer to PBS # 2-601814. This site MAY be associated or combined with PBS # 2-455784 and spill #9513279, which are for 350 E. 60th Street, the property on the 60th Street side of the block. Search on property address turns up only one parcel for the entire block.

Property Shark search found 2 permits associated with the site:

3/9/94 - "Conversion of two existing underground 2,000-gal. fuel storage tanks and ancillary systems from gasoline to diesel.

Replacement of fuel pumping systems at these two tanks. Abandonment/decommissioning of one 2,000-gal. UST."

11/7/94 - "one 550-gal. UST to be removed. One pump island and dispenser to be removed. All as per plans filed herewith."

Sent letter to NYCDOT requesting information. Vivian Marcovicci (718-793-7186) called back and informed me that this site is not a DOT facility. I am not totally convinced this is the case, due to the above comments on the other property on the block.

Suggested action: attempt to contact the Dept. of Sanitation.

11/16/06 - Austin - Reassigned to Patel for followup/review - end

11/27/06-Hiralkumar Patel. found another open case at this site. spill #: 9513279. Joseph Maison in remediation group working on this case. after discussing with DEC Kolleeny, case closed. refer to 9513279.

Map Identification Number 104 **APARTMENT HOUSE**
 265 E.66TH ST

MANHATTAN, NY

Spill Number: 0207365**Close Date: 04/08/2010**
TT-Id: 520A-0095-826**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1685 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Tank Tester
 Caller Name: BERNIE BAUER
 DEC Investigator: SFRAHMAN

Spiller: SOLOW MGMT COMPANY – APARTMENT HOUSE ...
 Notifier Name: ABRAHAM WAXLER
 Caller Agency: NYC TANK TESTING
 Contact for more spill info: SOLOW MGMT COMPANY

Spiller Phone: (212) 715-0250
 Notifier Phone:
 Caller Phone: (718) 731-7011
 Contact Person Phone: (212) 715-0250

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/16/2002		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	30000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

tank failed test – no product spillage

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
 sent tank failure letter to marcus benner @9 west 47th street, 45th floor, ny ny 10019. 10/17/2002 ars

8/12/08: Changed Lead_DEC field to 'Unassigned'. 2006 unannounced Site Visit did not produce sufficient documentation that potential contamination as a result of the tank test failure was cleaned up. Resident Manager Alexander Ferreras had a meeting so he could not provide documentation that I needed to close the spill. Next step: Call Resident Manager at 212-628-3500 or FAX a ltr. requesting documentation at 212-439-6120.

Austin – 9/30/09 – Spill project assignment transferred from Albany staff(Grathwahl) to Rahman, for further review and action. – end.

12/18/09 Spoke with Geovanni, Resident Manager.TTF was sent out to

SOLOW MANAGEMENT CORPORATION
265 E 66th Street
New Work, NY 10021
Attn: Geovanni Bernardino(sr)

04/08/10 Rec'd letter report from Island Tank. There was no actual spill of petroleum when the spill was called in.Tank also passed the tightness testing.Problem in tank vent pipe(cracked in half)was fixed.Cathodic protection will be installed on the UST system.Case closed.(sr)

Map Identification Number 105**CLOSED–LACKOF RECENT INFO**

20 SUTTON PLACE

NEW YORK CITY, NY

Spill Number: 9011883**Close Date: 03/07/2003**

TT-Id: 520A–0091–812

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1710 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Tank Tester

Caller Name: JOHN LEDDY

DEC Investigator: ADMIN. CLOSED

Spiller:

Notifier Name:

Caller Agency: PROTEST

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (516) 321–4670

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/12/1991		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	–1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

1OK TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK,SYSTEM TEST, WILL EXCAVATE,ISOLATE & RETEST.

CLOSED DUE TO LACK OF ANY RECENT INFO-DOES NOT MEET ANY CLEANUP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead DEC Field was "ADMIN.CLOSED"
03/07/2003 Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 106 **301 EAST 63RD STREET**
 301 EAST 63RD STREET

NEW YORK, NY

Spill Number: 0103305

Close Date: 02/08/2002
TT-Id: 520A-0098-401

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1785 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Tank Tester
Caller Name: RICKY ROUFF
DEC Investigator: SIGONA

Spiller: MATT - 301 EAST 63RD STREET
Notifier Name: RICKY ROUFF
Caller Agency: STATE ENV SERVICES
Contact for more spill info: MATT

Spiller Phone:
Notifier Phone: (718) 265-3355
Caller Phone: (718) 265-3355
Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/26/2001		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	7500	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

CALLER REPOTING A Tank TEST FAILURE NO SPILLAGE TEST ONLY

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

DEC Sigona reassigned the spill from Tipple. DEC Sigona conducted site visit and supervised investigation of soils around the UST by URS Dames & Moore.

Consultant for URS 212-642-7570 called on 12/19/2001 and is completing the site assessment report to be submitted to DEC Sigona.

Map Identification Number 107 **TOOST CONTROL CORP.**
301 EAST 63RD ST



NEW YORK, NY

Spill Number: 0011797

Close Date: 08/05/2003
TT-Id: 520A-0098-400

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1785 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Tank Tester
Caller Name: PHIL FAZIN
DEC Investigator: SIGONA

Spiller: JO ANN GRAHM – OSRID REALTY CORP.
Notifier Name: PHIL FAZIN
Caller Agency: CROWN LEAK DETECTION
Contact for more spill info: JOANN

Spiller Phone: (212) 247-2603
Notifier Phone: (516) 939-2959
Caller Phone: (516) 939-2959
Contact Person Phone: (212) 247-2603 ext. 2

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/01/2001		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	7500	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

tank contained #4 fuel oil

uncover & retest

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

No action by DEC Sigona. Waiting for results of the tanks test

On May 29, 2001, DEC Sigona spoke with Mark Huber, Chief Operating Officer, Abilene Inc, 2402 Neptune Avenue, Brooklyn, NY 11224. (718) 372-4210 said that about ten (10) days ago, a new 7,500 gallon tank was installed at 301 East 63rd Street. According to PBS records the facility's registration expired on February 4, 2001. DEC Sigona informed Mr. Huber to have the owner contact DEC to disucc the options available. He was informed that a violation existed for failing to renew and notify DEC of tank installation.

DEC Sigona will send PBS & guidance to the contractor on May 29, 2001.

Map Identification Number 108
 **401 EAST 58TH STREET**
401 EAST 58TH STREET

Spill Number: 9812609
MANHATTAN, NY 10022

Close Date: 01/05/2006
TT-Id: 520A-0095-852

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1811 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO REVISION MADE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Tank Tester
 Caller Name: TJ OCONNOR
 DEC Investigator: MDBRAND

Spiller: UNKNOWN
 Notifier Name: TJ OCONNOR
 Caller Agency: DRY AS A BONE
 Contact for more spill info: MIKE GOMEZ

Spiller Phone:
 Notifier Phone: (516) 678-5115
 Caller Phone: (516) 678-5115
 Contact Person Phone: (516) 864-4200

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/12/1999		TANK TEST FAILURE	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	1500	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

TANK TEST FAILURE AT ABOVE LOCATION. "SOMEBODY" WAS ADVISED

PER CALLER. NO CALL BACK REQUESTED.

DEC Investigator Remarks:

07/21/2005: Site owner:

401 East 58th Street, LLC
 640 Fifth Avenue
 NY, NY 10019

Contact: Jane Goldman, Solil Management Corp. (212-265-2280)

Called Solil at 1545 hrs, was referred to Diego Vincenty in "Management", left message. M. Brand NYSDEC DER Albany.

10/31/2005: Spoke with Diego Vincenty, Lighthouse Properties LLC, (212-265-2280) regarding 1,500 gallon tank. He will check files and fax information regarding repairs and re-test. M.Brand NYSDEC DER Albany.

12/23/2005: Original spill report was for tank test failure in January 1999. PBS database shows passing tank test on same tank 05/01/1999. Call into Diego Vincenty at 1115 hrs looking for documentation of repair and re-test. Left message. M.Brand NYSDEC DER Albany.

Updated contact info:

Lighthouse Properties (212) 265-1577 (also Sol Goldman Investments, LLC)
640 Fifth Avenue, 3rd Floor, NY, NY 10019

01/05/2006: Fax from Diego Vincenty, Property Manager, Lighthouse Properties, regarding repair of tank. Submitted invoice dated April 19, 1999 for repair of tank vent line, new piping, and subsequent successful re-test of tank (the test shown in the PBS file for 5/1/99). Also submitted letter dated January 4, 2006 certifying the completion of necessary repairs and the positive re-test. Spill closed. NFA letter sent. M.Brand NYSDEC DER Albany.

Map Identification Number 109 **442 EAST 75TH STREET**
 442 E 75TH ST

MANHATTAN, NY

Spill Number: 8709459

Close Date: 09/30/1992
TT-Id: 520A-0097-628

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1845 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name:
DEC Investigator: BATTISTA

Spiller: CAPIT REALTY CO./APT BLDG
Notifier Name:
Caller Agency:
Contact for more spill info:

Spiller Phone: (212) 288-3201
Notifier Phone:
Caller Phone:
Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
02/06/1988	09/30/1992	TANK TEST FAILURE	2-094641	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	GALLONS	-1.00	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

2K TANK/ LEAK RATE = -.091 GPH CONTACT: JOE CAPRUSSO

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 110 **311 EAST 73RD STREET**
 311 EAST 73RD STREET

NEW YORK, NY

Spill Number: 0411654

Close Date: 06/09/2006
 TT-Id: 520A-0095-824

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1928 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Tank Tester
 Caller Name: MICHEAL GORGA
 DEC Investigator: HRPATEL

Spiller: BILL CONROY
 Notifier Name: MICHEAL GORGA
 Caller Agency: PETROLUEM TANK
 Contact for more spill info: BILL CONROY

Spiller Phone:
 Notifier Phone: (718) 624-4842
 Caller Phone: (718) 624-4842
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/31/2005		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	1080	Horner EZ Check I or II Unknown	0.00 0.00	UNKNOWN UNKNOWN

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

send tank test failure (TTF)

12/19/05 Feroze. Spill is transferred from Ketani to Feroze.

01/23/06. TTF is sent.

01/31/06. TTF letter return to DEC.No PBS is found on this address.

02/13/05. Feroze TTF is sent to:

AIMCO
21 East 40th Street
New York, NY 10016

03/15/06. Spill is transferred from Feroze to Kumer Patel.

05/04/06–Hiralkumar Patel. Spoke to Diania at Petroleum and as per her database notes, petroleum had installed temp tank and cleaned old tank. no other information available. she gave me following contact information about owner/owner's representative.:

Maxwell Kates
Contact: Neil Wishna
Ph. (212) 684–8282

Left message for Neil.
as Feroze sent out TTF to Aimco, got phone number of Aimco from petroleum.

Aimco
PH. (212) 448–9720
FAX (212) 448–9725

Spoke to operator at Aimco. Aimco is managing this property now. she asked me to send fax about what kind of information i need.
property manager is David Pian.
Sent out TTF at following address:

DAvid Pian
Aimco
21 East 40th Street
Suite 1605
New York, NY 10016

letter faxed to David.

05/16/06–Hiralkumar Patel. Spoke to David. he doesn't know anything about letter that i have sent on his name. he will check and will call back. asked him to do test again.

05/31/06–Hiralkumar Patel. Received fax from Stuart Schwartz from SNS Energy Distribution. abstract:

- A–1 crown leak company did tank test on May 30
- 1080 gal AST system failed the test and found dry leak
- no visible oil leaks
- will do isolation test by end of this week

Stuart Schwartz
Chief Executive Officer
SNS Energy distribution corp.
PH. (631) 691–1700
FAX (631) 691–1711

06/06/06–Hiralkumar Patel. Received letter which i got in fax on 05/31/06.

06/09/06–Hiralkumar Patel. received fax from Stuart from SNS Energy. abstract:

- did isolation test
- tank only passed the test
- presently, lines have been abandoned and temporary copper lines have been installed.
- preparing to install new lines

A–1 crown tested whole system on 05/30/06 and found dry leak and they did tank only test on 06/01/06 and found tank was tight. as this was dry leak, based on available information case is closed.

06/12/06–Hiralkumar Patel. REceived call from Stuart from SNS Enerty. they found leak in vent line. will send final report within 10 days.

06/16/06–Hiralkumar Patel. Received letter from Stuart. i have already got this in fax on June 9, 2006.

refer Spill # 0411655 also as it was reported by Petroleum and property has same owner.

Map Identification Number 111



APRT

343 EAST 74TH STREET

NEW YORK, NY

Spill Number: 0710859

Close Date: 10/08/2008

TT–Id: 520A–0211–091

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 1951 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Tank Tester
 Caller Name:
 DEC Investigator: bkfalvey

Spiller: JERRY WILLIAMS – APRT
 Notifier Name:
 Caller Agency:
 Contact for more spill info: JERRY WILLIAMS

Spiller Phone: (718) 367–9800 ext. 2
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (718) 367–9800 ext. 2

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/14/2008		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	12000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

TANK FAILED DUE TO HOLE IN TOP OF TANK: TEMP PATCH WAS PLACED, AND THEN TANK PASSED, REMOVING TWO DRUMS OF CONTAMINATED SOIL:

DEC Investigator Remarks:

1/15/08 bf: Called Pro Test and left message with receptionist for John Leddy to call me back. Sent ttf letter to:
 Linda Andersen
 Akam Associates
 8 West 38th Street, 7th Floor
 New York, NY 10018

Spoke with J. Leddy. Contaminated soil found. Temporary patch held system tight during 2nd test. Will make repairs for permanat patch. I told him they will need to do sampling because of the contaminated soil. Called L. Andersen, of Akam, left message on machine.

Received fax from J. Leddy. Tank is #6 fuel oil and contaminated soil was found in a concrete walled manway where the hole in the tank was found. He believes it was probably a past overfill that contaminated soil in manway. If there is any other contamination, they do not know. bf

1/31/08 On 1/29/08, Received fax from J. Leddy. Failing results from 1/14/08 and passing results from 1/14/08. Sent soil contamination letter to L. Andersen at above address. bf

2/11/08 Received letter from Jerry Williams of Controlled Combustion. Authorization has been given to install temporary tank and to pump out, clean and perform an ultrasonic inspection. Will install 12K UST Work to begin week of 2/11/08. bf

4/10/08 received closure report and letter. Samples taken from top of tank not from sides and/or bottom. Tank retested and passed. bf

6/18/08 Received email from Nicholas Marrone of Miller Environmental Group requesting update. Called him at (516)876-7940 x-318. Left message on voicemail for him to call me. bf

10/8/08 Received fax from Neil Tomassetti of Eastmond. They installed a steel lining for the tank. A 4' X 8' area where the tank patch (failure) revealed no contamination. Also, suction, return, vent, and fill lines werer replaced. All areas excavated were visibly clean with no odor or discoloration associated with oil. NFA. bf

Map Identification Number 112**APT BUILDING**

328 EAST 74TH ST

NEW YORK, NY

Spill Number: 0004623**Close Date: 10/06/2005**

TT-Id: 520A-0095-823

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1961 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Tank Tester

Caller Name: JOHN LEDDY

DEC Investigator: SXDEWES

Spiller: MR COUTINHO - 328 EAST 74TH OWNERS CORP

Notifier Name: JOHN LEDDY

Caller Agency: PROTEST ENTERPRISES

Contact for more spill info:

Spiller Phone: (914) 964-0280

Notifier Phone: (516) 321-4670

Caller Phone: (631) 321-4670

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/17/2000		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	1500	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

u/g tank in basement tank failed test tank will beisolated and retested

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"

Spoke to Charles Coutinho, 212-370-5943, property manager in October 2005. He sent DEC a letter that says the tank was removed.

Map Identification Number 113

348 EAST 58TH ST/NEW YORK



348 EAST 58TH ST

NEW YORK CITY, NY

Spill Number: 8707482

Close Date: 11/04/1993

TT-Id: 520A-0096-751

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2079 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Tank Tester

Caller Name:

DEC Investigator: BATTISTA

Spiller: BRUSCO FUEL

Notifier Name:

Caller Agency:

Contact for more spill info:

Spiller Phone: (212) 663-7070

Notifier Phone:

Caller Phone:

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
12/01/1987	11/04/1993	TANK TEST FAILURE	2-273090	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

2K TANK FAILED WITH A LEAK RATE OF -.145G/HR CONTACT: JOHN BRUSCO (212) 663-7070.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 114



APARTMENT BUILDING
340 EAST 58TH STREET

NEW YORK, NY

Spill Number: 0306166

Close Date: 08/31/2006

TT-Id: 520A-0096-750

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2132 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Tank Tester

Caller Name: RENE LEWIS

DEC Investigator: HRPATEL

Spiller: FRAN - MARLBORO REALITY

Notifier Name: SAME

Caller Agency: A L EASTMAN & SON

Contact for more spill info: RENE LEWIS

Spiller Phone: (212) 757-5220

Notifier Phone:

Caller Phone: (917) 299-7257

Contact Person Phone: (718) 378-7000

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/10/2003		TANK TEST FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	3000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

Tank failed the test

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
TTF letter sent to

Mige Assoc.
408 West 57th St
NY, NY 10019

3/31/2004 Sangesland contacted Marlboro Realty (212-757-5220) concerning the open tank test failure from September.
"Frances" said AL Eastmond abandoned the old tank in place & took the proper soil samples. A new tank has been installed and they are just about ready to start using it.

Sangesland called Rene at AL Eastmond. He said the soil samples were taken and the tank was properly closed out. He will prepare a report and submit it to the DEC "soon"

04/06/06-Hiralkumar Patel. spoke with Mr. Mungra at Eastmond and he will call back with information.

05/04/06-Hiralkumar Patel. called Eastmond, but Isaac and Rene both were in meeting.

05/05/06-Hiralkumar Patel. Spoke to Rene at Eastmond. he will call back with more information.

05/17/06-Hiralkumar Patel. Spoke to Isaac at Eastmond. he will call back with more information.

05/22/06-Hiralkumar Patel. Left message for Mr. Mungra.

06/06/06-Hiralkumar Patel. Spoke to Rene. he will call back with information.

06/09/06-Hiralkumar Patel. Left message for Ms. Mary, property manager (212-757-5220 Ext. 10).

06/19/06-Hiralkumar Patel. Left message for Ms. Mary.

06/22/06-Hiralkumar Patel. Spoke with Mary and asked her to call Eastmond for tank closure report.

06/29/06-Hiralkumar Patel. spoke to Maggie at management company. Mary is no longer working at this office. Maggie will talk to owner and will call back.

07/06/06-Hiralkumar Patel. received call from Ms. Gabriella. she will call Eastmond and will send final report.

07/31/06-Hiralkumar Patel. spoke with Ms. Garbriella. she will call Eastmond and will send documents.

08/17/06-Hiralkumar Patel. spoke with Garbriella Mineo. sent out CSL to Ms. Mineo at following address:

Garbriella Mineo
408 W 57th Street
New York, NY 10019
Ph. (212) 757-5220 Ext. 10
FAX (212) 541-7549

letter faxed to Ms. Mineo and Mr. Mungra at Eastmond.

PBS#: 2-189375

08/31/06-Hiralkumar Patel. received fax from Rene from Eastmond. as per letter report from Eastmond:

- observed corrosion around tank manhole
- clean tank and replace manhole and surrounding steel
- retest tank and it passed
- excavate and remove top portion of tank
- pour cement base and install (1) 2,000 gal double walled tank inside old tank
- backfilled area
- no product release

fax contains passing system test result. based on available information, case closed.

Map Identification Number 115**GOLDWATER MEMORIAL HOSPIT**

1 MAIN STREET

ROOSEVELT ISLAND, NY

Spill Number: 9800215**Close Date: 11/30/2005**

TT-Id: 520A-0096-953

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2188 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: GOLDWATER MEMORIAL HOSPITAL

Revised zip code: 10044

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Tank Tester

Caller Name: TOM LEDDY

DEC Investigator: jdjarrat

Spiller: JAMES MCNALLY - GOLDWATER MEMORIAL HOSPIT

Notifier Name: ALBERTO LOPEZ

Caller Agency: PROTEST ENTERPRISES

Contact for more spill info: JAMES MCNALLY

Spiller Phone: (718) 966-6916

Notifier Phone: (516) 321-4670

Caller Phone: (516) 321-4670

Contact Person Phone: (212) 318-4750

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/03/1998		TANK TEST FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	5000	Horner EZ Check I or II	0.00	FAIL
2	2500	Horner EZ Check I or II	0.00	FAIL
The following tank was deleted from the reported data. Data reflects last reported information.				
1	5000	Horner EZ Check I or II	0.00	GROSS LEAK RATE
The following tank was deleted from the reported data. Data reflects last reported information.				
2	2500	Horner EZ Check I or II	0.00	GROSS LEAK RATE

Caller Remarks:

FURTHER TO FOLLOW.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
This Spill cleanup project has been reassigned from DEC (Sigona)

to Rommel on 2/2/2004.
to Jarratt (co) 7/2005

MOSF records and letters indicate tanks that failed have been closed.
Spill closed 11/30/05

Map Identification Number 116**ROOSEVELT ISLAND OPERATIONS CORP**

684 MAIN ST

ROOSEVELT ISLAND, NY

Spill Number: 1003874**Close Date: 07/23/2010**

TT-Id: 520A-0252-991

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (5)

Approximate distance from property: 2276 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Tank Tester

Caller Name:

DEC Investigator: hrpatel

Spiller: HEINRICH EQUIPMENT- GINA - ROOSEVELT ISLAND OPERATIONS

Notifier Name:

Caller Agency:

Contact for more spill info:

HEINRICH EQUIPMENT- GINA

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (631) 293-6513

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/07/2010		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Caller reporting a tank test failure on a 600 gallon UST. On Scene Contact- Chris Baker- 212-832-4583.

DEC Investigator Remarks:

07/22/10-Hiralkumar Patel.

11:22 AM:- spoke with TJ. he mentioned that site has one 600 gal double wall fiberglass UST. tank is being used to fill buses owned by the site owner. very minor leak found in stage I vapor recovery line (near spill bucket area). no soil contamination found during repair. system retested and passed. asked TJ to send email with tank test result and description of cause and action taken.

PBS #: 2-187860. as per PBS record, site has/had following tanks:

- one 4,000 gal gasoline UST, removed on 08/01/1999
- one 2,000 gal diesel UST, installed on 02/01/2000, in-service
- one 550 gal gasoline UST, installed on 02/01/2000, in-service

as per PBS record, site is owned by Roosevelt Island Operating Corp., and used by Roosevelt Island Bus Garage.

07/23/10-Hiralkumar Patel. received email from TJ (at 7:15 PM on 07/22/10) with copy of tank test results for gasoline and diesel tanks. both tanks were tested on 07/14/10 and passed.

based on information provided, case closed.

Map Identification Number 117**430 E 77 ST**

430 EAST 77TH ST

MANHATTAN, NY

Spill Number: 9930011**Close Date: 03/06/2006**

TT-Id: 520A-0097-641

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2382 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: DEC

Caller Name: SONDRRA MARTINKAT

DEC Investigator: rshough

Spiller: 430 E 77 ST

Notifier Name:

Caller Agency: NYS DEC

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (718) 482-4933

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved		Meets Cleanup Standards		Penalty Recommended
08/04/1998		TANK TEST FAILURE	2-511382		NO		NO
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL		PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TTF

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
01/26/04

Reassigned from Rommel to Austin
02/17/04: Reassigned from AUSTIN to KRIMGOLD.

3/6/06 R. Hough – The original reported spill was a tank test failure in 1999. Documentation indicates that the Managing Agent for the property hired a company to correct the problem. The PBS facility # 2-511382 was re-issued a permit on 2/15/06. Based upon this, the spill is being closed out.

Map Identification Number 118



CLOSED-LACKOF RECENT INFO

430 EAST 77TH STREET

NEW YORK CITY, NY

Spill Number: 9100390

Close Date: 03/06/2003

TT-Id: 520A-0097-630

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2382 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Tank Tester

Caller Name: TONY SIMONE

DEC Investigator: ADMIN. CLOSED

Spiller: 430 OWNERS CORP

Notifier Name:

Caller Agency: A L EASTMOND

Contact for more spill info:

Spiller Phone: (212) 838-3439

Notifier Phone:

Caller Phone: (212) 378-3000

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
04/09/1991		TANK TEST FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL		PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

3K TANK FAILED PETRO TITE WITH A GROSS LEAK,FUEL WOULD NOT HOLD IN STANDPIPE,WILL EXCAVATE,ISOLATE & RETEST.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
03/06/2003- Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 119 **ENGINE CO. 039 & 19 PRECINT FDNY -DDC**
1537EAST 67TH STREET



MANHATTAN, NY

Spill Number: 9504692

Close Date: 06/07/2005
TT-Id: 520A-0094-165

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2539 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 153 E. 67TH ST
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name: BOB KLESHESKY
DEC Investigator: ADZHITOM

Spiller: SAME
Notifier Name:
Caller Agency: DRY-AS-A BONE, INC
Contact for more spill info:

Spiller Phone: (718) 714-2140
Notifier Phone:
Caller Phone: (516) 678-5115
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
07/18/1995		TANK TEST FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE		PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"
TRANSFERRED FROM Y.KRIMGOLD.

6-7-2005 Reviewed Request for Closure issued by URS. The report states that no compounds exceeded the NYSDEC Groundwater Quality Criteria for two consecutive sampling events in the samples collected in September and November 2004. Spill closure was granted.
AZ

Map Identification Number 120



CLOSED-LACKOF RECENT INFO

401 EAST 77TH STREET

NEW YORK CITY, NY

Spill Number: 9008612

Close Date: 02/18/2003

TT-Id: 520A-0097-629

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2571 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Tank Tester

Caller Name: TONY SIMONE

DEC Investigator: ADMIN. CLOSED

Spiller: BETTINA EQUITIES

Notifier Name:

Caller Agency: A L EASTMOND

Contact for more spill info:

Spiller Phone: (212) 772-8830

Notifier Phone:

Caller Phone: (212) 378-3000

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased		Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
11/06/1990			TANK TEST FAILURE	NO		NO		
Material Spilled			Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL			PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER
TANK TEST INFORMATION								
Tank Number	Tank Size	Tank Test Method		Leak Rate		Gross Leak or Failure		
		Unknown		0.00		UNKNOWN		
Caller Remarks:								
1.5K TANK FAILED PETRO TITE WITH A LEAK RATE OF .181GPH, WILL EXCAVATE, ISOLATE & RETEST.								
CLOSED DUE TO LACK OF ANY RECENT INFO – DOES NOT MEET ANY CLEANUP REQUIREMENTS.								
DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.								


CLOSED STATUS UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 121


68TH ST / YORK AVE

MANHATTAN, NY

Spill Number: 9804691
Close Date: 02/03/2003

TT-Id: 520A-0099-028

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 56 feet to the NNW*

ADDRESS CHANGE INFORMATION

Revised street: E 68TH ST / YORK AVE

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: CAENGELH

Spiller:

Notifier Name: LUKSHIDES

Caller Agency: CON ED

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6765

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
07/15/1998		OTHER	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ASBESTOS		HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

WATER MAIN BRAKE – SOIL AFFECTED 0 CHRIS ENGLEHARDT CONTACTED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
e2mis notes 118333

Steam manager Ed Conway reports at 15:00 of asbestos release in soil at water main break on E68 st & York Avenue. Water main break occurred at 0430 and DEP tests of soil tested positive at 0900. Cleanup is ongoing as of 1530.

input by mctague 77472 Water main break exposed two abandoned 6" steam services and one 8" steam service. Bulk sampling from the 6" service tested positive for chrysotile asbestos. Bulk sampling from the 8" service tested positive for amosite. The 8" service was later exposed by City contractors digging to repair water main. Service was encased in a shell housing with some extremely small holes (possibly 1/4 inch) caused by corrosion, overall in good condition. It is unlikely that water main break affected this service. All samples indicate trace amounts of amosite, source of contamination could not be determined. Small amount of chrysotile (possibly .25 of an ounce) found on 8" steam casing. All insulation on services was intact.

Map Identification Number 122 **ROCKEFELLER UNIVERSITY**
 1188 YORK AVE

NEW YORK, NY

Spill Number: 0212671

Close Date: 03/24/2003
 TT-Id: 520A-0098-998

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 91 feet to the NNW*

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: 10021

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name: BRENDAN BOLGER
 DEC Investigator: SMSANGES

Spiller: SAME
 Notifier Name: SAME
 Caller Agency: ROCKEFELLER UNIVERSITY
 Contact for more spill info: BRENDAN BOLGER

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 327-8425
 Contact Person Phone: (212) 327-8425

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/24/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	PETROLEUM	10.00	GALLONS	10.00	GALLONS	SOIL

Caller Remarks:

Leak in newly installed elevator at above location. All material is contained at time of call and cleanup is in progress. Cause of spill is still under investigation.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

3/24/2003-Vought-Vought left message for Bolger to return call to Duty Desk with spill description and confirmation of cleanup. Bolger left message at Duty Desk. Vought returned call and spoke with Brendan. New elevator is being installed. No sewers or drains affected. Concrete is in good condition with no pathways to subsurface. Speedy dry and absorball used to clean spill. System will be pressure tested. Concrete will be painted and sealed. Spill on concrete and no sewers or drains affected. Spill closed by Vought.

Map Identification Number 123**YORK AVE- SOUTH OF EAST 69TH ST**

YORK AVE- SOUTH OF EAST 69TH ST

MANHATTAN, NY

Spill Number: 0910289**Close Date: 01/14/2010**

TT-Id: 520A-0233-994

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 295 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: YORK AVE / E 69TH ST

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name:

DEC Investigator: RWAUSTIN

Spiller: ERT - CON ED

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
12/17/2009		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	10.00	GALLONS	0.00	GALLONS	

Caller Remarks:

Caller reporting a spill of 10 gallons of unknown oil in a manhole.

DEC Investigator Remarks:

1/14/10 - Austin - Found to be lube oil - Spill contained and cleaned up by Con Ed - see eDocs files for further info - spill closed - end

Map Identification Number 124 **525 EAST 68TH STREET**
 525 EAST 68TH STREET

MANHATTAN, NY

Spill Number: 9303716

Close Date: 03/01/1994
 TT-Id: 520A-0098-995

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 345 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: 10021

Source of Spill: UNKNOWN
 Notifier Type: Responsible Party
 Caller Name: DAVID HALLER
 DEC Investigator: O'DOWD

Spiller: LEHRER MCGOVERN OVIS
 Notifier Name:
 Caller Agency: LEHRER MCGOVERN
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 246-5880
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/17/1993	03/01/1994	OTHER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ABAN FUEL OIL LINE – WERE EXCAVATING – SOIL WILL BE TAKEN TO DISPOSAL AREA – ABOUT 5 YARDS OF SOIL, CALLED MCGOVERN HE SAID THAT THEY STOCK ON ABANDONED TRANSFER PIPELINE AND DISCOVERED THE PIL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead DEC Field was "ODOWD"
 03/01/94: REMOVED CONTAMINATED SOIL, REPAIRED PIPELINE, POST EXCAVATION SAMPLES AND BACKFILLED REPORT SUBMITTED.

Map Identification Number 125 **YORK AV @ EAST 66ND ST**


MANHATTAN, NY

Spill Number: 0106930

Close Date: 10/03/2001
 TT-Id: 520A-0092-768

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 389 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: YORK AV / EAST 66TH ST
 Revised zip code: 10021

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: EUGENIA BERNARD
 DEC Investigator: MXTIPPLE

Spiller: UNK
 Notifier Name: POLICE OPS
 Caller Agency: DEP
 Contact for more spill info: CALLER

Spiller Phone:
 Notifier Phone: (917) 237-0969
 Caller Phone: (718) 595-6700
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/03/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

THE CALLER HAS NO INFORMATION ON THE SPILL. CALLER HAS NO INFORMATION ON SPILL CONTAINMENT OR CLEANUP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
 10/05/01 SEE SPILL # 0106927

Map Identification Number 126



MANHOLE #12655

436 E 69TH ST

MANHATTAN, NY

Spill Number: 0212049

Close Date: 09/26/2003

TT-Id: 520A-0099-025

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 395 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Affected Persons
 Caller Name: BILL MURPHY
 DEC Investigator: AERODRIG

Spiller: UNKNOWN
 Notifier Name: BILL MURPHY
 Caller Agency: CON EDISON
 Contact for more spill info: BILL MURPHY

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
03/07/2003		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CON ED SPILL #147422 / WORKERS FOUND APPROX 1QT. OF UNKNOWN OIL FLOATING ON 40 GALS. OF WATER IN THE ABOVE MANHOLE – CLEANUP PENDING OIL SAMPLES

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
Con Ed e2mis #147422:

3-7-03 @ 10:20

G Woods #11346 reports that while working on enlarging m12655 @ 436 e 69 st , Danella Construction discovered 1 pint of an unknown oil on top of 40 gallons of water in the structure. No oil filled equipment in the structure. Water is standing. No sewer . No sump. No dielectric filled feeder in the structure. I instructed G Woods # 11346 that he will need to apply a tag a.s.a.p. Samples are to be taken by chem lab. No initial cleanup action taken. Chem lab was notified to take samples.

Aroclor 1242 < 1.0 ppm EPA 608/8082

Aroclor 1254 < 1.0 ppm EPA 608/8082

Aroclor 1248 < 1.0 ppm EPA 608/8082

Aroclor 1260 < 1.0 ppm EPA 608/8082

3/13/03 11:00 R. Bruns #21106 of the environmental desk spoke to G. Woods # 11346 of C/M and verified as of this date no tag has been hung. He also states that this cleanup was given to

A. Carucci # 16289 planner for Mtce/Construction to handle the cleanup.

A. Carucci was then called & he will have crews on this job probably on 3/14/03.

Update 03/27/03 @ 07:30 hrs

M Luongo of Construction Management reported to N Muldoon # 18723 that after his crew arrived on location discovered that there was no oil in the hole. This was found out after placing a pad and no oil showed on the pad. No spill tag was not installed since there was no evidence of oil. There was no cleanup action

taken since there was no evidence of oil. Spoke to R Pellegrino about this incident.

Map Identification Number 127 **70TH ST IN EAST RIVER**
 70TH ST IN EAST RIVER

MANHATTAN, NY

Spill Number: 9309418

Close Date: 11/04/1993
 TT-Id: 520A-0095-815

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 518 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: E 70TH ST/FDR DR

Revised zip code: 10021

Source of Spill: UNKNOWN
 Notifier Type: Federal Government
 Caller Name: P.O. MORRISON
 DEC Investigator: KSTANG

Spiller: UNK
 Notifier Name:
 Caller Agency: USCG
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 668-7920
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/03/1993	11/04/1993	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SURFACE WATER

Caller Remarks:

USCG TO CHECK – CALLED USCG BACK @~6:00/PM, NO FURTHER INFO., WILL CALL LATER – FOUND TO BE A BOVY.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"

10/10/95: This is additional information about material spilled from the translation of the old spill file: MAY POSS.BE DRUM OR.

Map Identification Number 128 **70TH ST & YORK AV**



MANHATTAN, NY

Spill Number: 9806122

Close Date: 11/06/2002
TT-Id: 520A-0099-021

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 556 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: E 70TH ST / YORK AV
Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: BILL MURPHY
DEC Investigator: CAENGELH

Spiller: CON EDISON
Notifier Name: BILL MURPHY
Caller Agency: CON EDISON
Contact for more spill info: BILL MURPHY

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/17/1998		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ASBESTOS	HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

VAPOR CONDITION OFF STEAM MAIN MAY HAVE CONTAINED ASBESTOS / TESTS ARE BEING DONE TO CONFIRM

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

Map Identification Number 129 **ASBESTOS FOUND IN EXCAVATION**
EAST 70 STREET AND YORK AVENUE



MANHATTAN, NY

Spill Number: 0601610

Close Date: 08/15/2006
TT-Id: 520A-0099-019

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 556 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: E 70TH ST / YORK AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	GDBREEN	Contact for more spill info:	ERT DESK'	Contact Person Phone:	(212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/12/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ASBESTOS	HAZARDOUS MATERIAL	2.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

in an excavation site, unknown spiller, 200061

DEC Investigator Remarks:

08/15/06 – See e-docs for Con Ed report detailing cleanup and closure.

200061. see eDocs.

Map Identification Number 130 **LASDEN HOUSE GARAGE**
 420 EAST 70TH STREET

MANHATTAN, NY

Spill Number: 0314235

Close Date: 10/21/2005
TT-Id: 520A-0096-003

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 628 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: JAMES CRANDALL
DEC Investigator: JMKRIMGO

Spiller: JAMES CRANDALL – LASDEN HOUSE GARAGE
Notifier Name: JAMES CRANDALL
Caller Agency: WEILL MEDICAL COLLEGE
Contact for more spill info: JAMES CRANDALL

Spiller Phone: (212) 746-6201
Notifier Phone: (212) 746-6201
Caller Phone: (212) 746-6201
Contact Person Phone: (212) 746-6201

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/29/2004		UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	POUNDS	0	POUNDS	GROUNDWATER

Caller Remarks:

site was formerly a parking garage, material found during excavation for new construction, taken soil sample for examination, no cleanup in progress, construction area has been closed down, small contaminated area.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
Contaminated soil letter sent to:

Mr. James Crandall

Environmental Health & Safety Dept.

Weill Medical College – Cornell Univ.

1300 York Ave – Box 354

New York, NY 10021

Fax # 212-746-8288

10/21/05. J.Krimgold reviewed the SIR submitted by Cornell Facility Services and dated June 9 2004. According to the report all contaminated soil and impacted GW was removed and disposed of properly. NFA.

4/26/04. J.Krimgold spoke to Steve Beyers (607-255-5491) from Cornell University. They will submit an ISR in 2-3 weeks.

Map Identification Number 131 **400 EAST 68TH STREET**
 400 EAST 68TH STREET

MANHATTAN, NY

Spill Number: 9501073

Close Date: 02/01/2005
 TT-Id: 520A-0096-008

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 655 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: JOE DEVOTI

DEC Investigator: JHOCONNE

Spiller: CON EDSION

Notifier Name:

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/26/1995		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
NON PCB OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TRANSFORMER LEAKED SPILLING OIL IN CONCRETE VAULT – THERE IS A DRAIN IN BOTTOM OF VAULT WHICH OIL DID LEAK INTO.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

2/1/05: Con Ed submitted copy of OIL, TOXIC OR HAZARDOUS SUBSTANCE {INCLUDING, PCB'S AND ASBESTOS} SPILLS AND FIRES NOTIFICATION FORM which states: "TRANSFORMER LEAK IN VAULT. ESTIMATED AMOUNT OF SPILL: 1 GALLON. PCB AMOUNT (PPM): <10 PPM PER RECORDS. Clean up complete – unit replaced on 5/15/95." Close out. (JHO)

Map Identification Number 132 **60TH ST NR PANAM HELIPORT**
 60TH ST NR PANAM HELIPORT

NYC, NY

Spill Number: 9201150**Close Date: 03/30/1995**
TT-Id: 520A-0101-866

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 665 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: E 60TH ST/FDR DR

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Federal Government
 Caller Name: SCOTT CAREY
 DEC Investigator: KSTANG

Spiller:
 Notifier Name:
 Caller Agency: USCG
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 668-7920
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/28/1992	03/30/1995	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SURFACE WATER

Caller Remarks:

BROWN SHEEN

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"

Map Identification Number 133 **SEWER DISCHARGE AT HELOPO**
 60TH ST. AND HELOPORT

NEW YORK CITY, NY

Spill Number: 8604510**Close Date: 10/15/1986**
TT-Id: 520A-0101-867

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 665 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: E 60TH ST/FDR DR

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Citizen
 Caller Name:
 DEC Investigator: UNASSIGNED

Spiller: NYCDEP
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
10/14/1986	10/15/1986	UNKNOWN	UNKNOWN		NO		
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected	
RAW SEWAGE	OTHER	-1.00	UNKNOWN	0.00	UNKNOWN	SURFACE WATER	

Caller Remarks:

SEWER DISCHARGE OCCURS OCCASSIONALLY UNDER HELOPORT PIER IN HUDSON – THER IS A SEWER UNDER PIER

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "

Map Identification Number 134



MANHOLE 48453
 YORK AVE/E 62ND ST

MANHATTAN, NY

Spill Number: 0502397

Close Date: 06/02/2005
 TT-Id: 520A-0090-856

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 670 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Responsible Party
 Caller Name: PETER MCGUIRE
 DEC Investigator: SKARAKHA

Spiller: UNKNOWN
 Notifier Name: MR CURTIS
 Caller Agency: CON ED
 Contact for more spill info: ERT DESK

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
05/28/2005		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

1 QT OF UNKN OIL ON 5 GAL OF WATER IN MANHOLE. NO TO 5 QUESTIONS. CLEAN-UP PENDING RESOURCE AVAILABILITY. CON REF #158842

DEC Investigator Remarks:

e2mis no 158842

John A Burke found approx. 1 qt of unknown oil on top of approx. 5 gallons of water at this location. Two samples have been taken 1for pcb and 1 for id. No sewer or waterway was affected. The source and cause of the spill is unknown. Environmental tag #42678 was installed.

There was standing water but no visual water movement. There was no sewer connection; no substantial cracks and a concrete sump could not be verified due to the amount of fluid in the hole.

Lab Sequence Number: 05-05070-001 – PCBs < 1 ppm; Analysis indicates the presence of a substance similar to a lubricating oil

Update: 05/29/05 @ 12:45 hrs

Michael J Dunworth 76117 U.G O.S reports the following

Clean Up Completion Date: 05/29/05 Time: 12:00

Details: Final Clean Up

Solids Removed: To flush truck

Type of solids: Some stone & sand

Barrels used: None

Liquids Removed: Yes approx. 5 gallons plus additional water from flush truck.

Method Used to Clean: Simple Green was used, and was washed twice, and power washed with flush truck.

Environmental tag removed: Yes #42678

Remediation Of Spill: Mr. Dunworth states that the only thing he was able to see was that there were visible cut marks around the metal casting of service box, and run off from street might have been the cause.

Map Identification Number 135 **220063; 409 E 69 ST**
 409 E 69 ST

MANHATTAN, NY

Spill Number: 1008964

Close Date: 02/09/2010
 TT-Id: 520A-0258-206

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 676 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 409 E 69TH ST

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: DMPOKRZY

Spiller: ERT DESK - CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/29/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	UTILITY

Caller Remarks:

Street Address = 409 E 69 ST (1 AVE)

Spill Volume = 1

Unit of Measure = Quart

Substance Name = Unknown Oil

Cause Reason = Unknown

Status Reason = Agency Approval Not Required

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 136**NY PRES. HOSP**

1320 YORK AVE

MANHATTAN, NY

Spill Number: 0703128**Close Date: 03/25/2008**

TT-Id: 520A-0099-023

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 678 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Other

Caller Name:

DEC Investigator: hrpatel

Spiller: LOU WETSTEIN - NY PRES. HOSP

Notifier Name:

Caller Agency:

Contact for more spill info: LOU WETSTEIN

Spiller Phone: (212) 746-7559

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 746-7559

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/14/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

IN SUMP IN BOILER ROOM

DEC Investigator Remarks:

Sangesland spoke to Meredith Hayes at GZA.

Oil was found in sump which appears to be coming from the tank vault area.

Unknown if this oil is part of the old spill from pre-1990 #6 oil or from later newer #2 oil tanks.

Old tanks were #6 and had an old DEC spill report - which was closed out.

Six new #2 tanks were installed in early 1990's and are now in a vault (old tanks were not in a vault).

GZA Plan - They will sample the sump and check if it's #2 or #6 oil. The sump will be pumped out and depending on the #2-#6 result, an investigation will be conducted to determine where the leak/spill/source is.

07/24/07-Hiralkumar Patel. spoke with Ms. Hayes at GZA. they have cleaned sump in basement. took oil sample for fingerprint and #6 oil kind of product. based on fingerprint analysis they are planning for further soil investigation around previous #6 oil tanks, which were located right under sidewalk.

Louis Wetstein

Director of Facilities & Operation
525 East 68th Street
New York, NY 10021
Ph. (212) 746-7559
Fax (212) 746-8930

Meredith Hayes
GZA
Ph. (212) 594-8140
email: mhayes@gza.com

asked Ms. Hayes to send updates on schedule for soil investigation and site map with tank location and proposed boring locations.
also asked her to send list of any old oil spills.

08/27/07-Hiralkumar Patel. spoke with Ms. Hayes. they did GPR to find old tanks. Ms. Hayes is preparing work plan (most probably site plan with proposed sampling locations) and will submit by tomorrow.

received email from Mr. Hayes including fingerprint analysis result and site map with proposed well location. they proposing installation of two wells to depth of 35 ft bg. map doesn't include tank locations and sump location where oil was found. fingerprint analysis didn't identify material as such (as assumed #6 based on visual observation), probably due to age of spill and weathering of product.

sent email to Ms. Hayes requiring complete scaled site map with all existing and former ASTs/USTs system locations, sump location where oil was found and proposed well locations.

09/06/07-Hiralkumar Patel. left message for Ms. Hayes to submit site map with all existing and former tanks and sump pit where they found oil, including proposed well locations.
sent email to Mr. Hayes with the same.

09/10/07-Hiralkumar Patel. received email from Ms. Hayes with current tank locations, sump location and proposed well locations. as per Ms. Hayes, previous tanks were at same location as new tanks are. sump is located in mechanical room and is positioned in east-south direction from tank location.

10/11/07-Hiralkumar Patel. spoke with Ms. Hayes. they scheduled well installation but due to holidays and conflicts with community, they cancelled it and haven't heard from hospital yet about rescheduling. she asked to contact George Pecovice (212-746-1782) in engineering department at hospital.

left message for George.

10/15/07-Hiralkumar Patel. received call from George. he or Ms. Hayes will call back once they schedule test pit work.

10/31/07-Hiralkumar Patel. left message for Ms. Hayes.

11/01/07-Hiralkumar Patel. received email from Ms. Hayes. they are installing wells currently.

11/06/07-Hiralkumar Patel. received email from Ms. Hayes. she is no longer working with GZA. she asked to contact David Winslow

(dwinslow@gza.com).

11/30/07–Hiralkumar Patel. left message for David at GZA.

12/03/07–Hiralkumar Patel. received call from Mr. Kline, new project manager. they have installed two wells on north of existing tanks. screened soils during well installation and took soil samples. soil analyticals came back. they got groundwater sample from only one well. other well found dry. once get groundwater analyticals, will submit all data.

Steve Kline

email: stephen.kline@gza.com

01/17/08–Hiralkumar Patel. sent email to Mr. Kline requiring updates.

03/21/08–Hiralkumar Patel. received investigation report from Mr. Kline. abstract:

- currently, six 20,000 gal #2 oil USTs are located in a vault under truck loading area south of E 71st street
- piping system currently drains stormwater/groundwater that accumulates in the tank vault to an oil/water separator and sump location in the basement beneath the Annex building mechanical room
- local groundwater flow is expected to the east, towards the East river; mean river elevation is reportedly 2.75 ft above mean sea level at the East river bulkhead
- two soil borings were advanced in the south sidewalk along E 71st street
- could not install borings within the truck loading area due to the presence of the vaulted USTs
- groundwater was observed at 13 and 15 ft bg
- MW–1 was installed to 25 ft bg and MW–2 was installed to 23 ft bg
- fill material consisting of heterogeneous mix of fine to medium sand, some fine gravel and brick fragments was observed directly beneath the concrete sidewalk to between 14 (at MW–1) to 15 (at MW–2) ft bg
- fill material under MW–2 is underlain by pieces of a boulder and then bedrock schist, which extended beyond the termination depth of boring
- no visual or olfactory evidence of contamination was observed in any of the soils
- competent bedrock was encountered at approx. 20 ft bg in MW–2; concrete backfill was observed from approx. 10 ft to 24 ft bg in MW–1
- two soil samples collected (one from each boring)
- one week after installing wells, found MW–1 did not have any measurable water; MW–2 only had couple of inches of water
- no contamination found in any soil or groundwater samples
- soil samples collected from the borings were at an elevation equal to the bottom of tank vault
- petroleum contamination reported for the spill was observed in a sump located 20 ft below the bottom of tanks on the western (and upgradient) side of tanks
- observation implies that the residual separate phase product (#6 oil) is preferentially moving down through unsaturated or drained backfill materials near the foundation walls independent of groundwater flow directions
- existing #2 oil tank installation includes automated tank monitoring and leak detection systems
- no petroleum contamination has been observed on the north side of the tank vault, and buildings with deep foundations exist on the other three sides of the tank vault

based on submitted document, case closed.

04/15/08–Hiralkumar Patel. received call from Angelina from GZA requesting NFA. sent NFA to Mr. Wetstein. letter emailed to Ms.

Hayes at GZA.

Map Identification Number 137 **402 EAST 67TH STREET**
 402 EAST 67TH ST

MANHATTAN, NY

Spill Number: 9314973

Close Date: 03/22/1994
 TT-Id: 520A-0095-843

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 691 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name: ANTHONY BRUMMAS
 DEC Investigator: KSTANG

Spiller: COLLEGIATE CHURCH CORP.
 Notifier Name:
 Caller Agency: COLLEGIATE CHURCH CORP.
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 233-1960
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/22/1994	03/22/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

Caller Remarks:

SPILL FOUND IN BOILER ROOM OF BASEMENT – POSSIBLE INTO DRAIN – PETRO TANK CLEANERS TO CLEAN UP (718)624-4842 – CHARLIE OF PETRO TANK CLEANER WAS CONTACTED TO CLEAN SPILL – CALL TO ANTHONY BRUMMAS SAID

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"

Map Identification Number 138

CONSTRUCTION SITE
400 EAST 67TH STREET
400 E 67TH ST

NEW YORK, NY 10021

Spill Number: 0511289

Close Date: 08/16/2006
TT-Id: 520A-0097-500

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 691 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 400 EAST 67TH ST
Revised zip code: NO REVISION MADE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: STEWART KANOOP
DEC Investigator: SFRAHMAN

Spiller: UNKNOWN)
Notifier Name: STEWART KANOOP
Caller Agency: LANGIN ENGINEERING
Contact for more spill info: 400 EAST 67 LLC

Spiller Phone:
Notifier Phone: (212) 479-5461
Caller Phone: (212) 479-5461
Contact Person Phone: (212) 371-8188

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/28/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

came upon contamination during excavation.

DEC Investigator Remarks:

1/4/2006 Sangesland spoke to Stewart Kanoop from Langin Engineering
He said the site is a vacant lot (Manhattan) being excavated for a new building
A small section of the lot (18' x 12' area) has visible sidewall contamination and has standing ponded water in the pit.

Samples were taken of both the sidewalls and standing water.
Results came back with hits for SVOC & Toluene.

Langen wanted approval to pump out and properly dispose of the standing water and to then continue to excavate the contaminated sidewalls. Contaminated soil will be staged on the site on a plastic liner. Soil will be tested and properly disposed of.

After this work is done another sample will be taken of the new sidewalls and of the new groundwater that recharges into the excavation site.

1/9/2006 Sangesland spoke with Stuart Kanoop of Langen Engineering. Most of the excavation work has been done. There is still a problem with contaminated side walls, but there are structural problems with the sidewalk and the building next door. He has requested a site visit to determine what additional work will be needed.

Sharif is on vacation, Jeff Vought will visit the site on 1/10/06 at 10 AM.

1/10/06 – Raphael Ketani. I arrived on site at 10AM and met Stuart Knoop of Langan Engineering. We walked over to the northeast corner of the site and passed by a pile of oil soaked bricks, broken concrete, and broken wood mixed with soil that was sitting a sheet of plastic. Odors were apparent only within 6 feet of the pile. At the northeast corner, Mr. Knoop showed me the area in question. I saw oil stained brick, broken concrete, broken wood, metal, and soil. The debris was sitting as one large pile with standing water with a sheen adjacent to it. The pile of debris had a slight oily odor and looked dark. Dark soil staining was seen on the west and south walls of the pit where the debris was sitting. Mr. Knoop told me that 20,000 gals. of contaminated water had already been sucked out from around the debris. He asked me what should be done. I suggested to him to remove all of the oil soaked debris, remove the oily soil from the west and south sidewalls, suck up all of the oily water and then break up the concrete slab (which Mr. Knoop said was below the debris, but which I couldn't see). I told him to take clean soil end point samples for the sidewalls and to take final water samples and to send the results to the Spills Unit. He said he will do this.

03/16/06 Sharif Rahman– I called Stewart Kanoop,(212)479–5461 of Langan Eng.He indicated that they have removed all the oil contaminated soil from the site and dug out approx. 70 ft below the grade to bedrock.There are couple of voc/svoc exceedances.GW samples have been taken.He will forward the report to DEC.

08/16/06 Rahman–Closure report prep'd by LANGAN Engineering is available.Approx. 10,000 cubic yards of fill material and native soil were excavated down to bedrock.In total, 33939 gallons of groundwater were removed from the site and transported to a disposal facility.The excavation extended to the property boundaries of the site, and continued into bedrock to a final depth of 70 ftbgs.All potential on–site source material for VOC and SVOC impacts to groundwater has been excavated and transported off–site.Post remediation soil sample results showed VOCs below RSCOs level.Six SVOCs showed slight exceedances which could be attributed to fill material.In the post remediation ground water samples– two VOCs(Naphthalene 323 ug/l and Ethylbenzene 15.2 ug/l) exceeded their respective limit slightly.Considering the structural impediments,bedrocks and nature of residual(minor) contaminants in ground water, this spill case is recommended for closure.

Map Identification Number 139 **214847; 535 E 70 ST**



535 E 70 ST

NEW YORK, NY

Spill Number: 0814651

Close Date: 12/16/2008

TT-Id: 520A–0248–750

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 706 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: 535 E 70TH ST

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: DMPOKRZY

Spiller: ERT DESK – CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580–8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/09/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	UTILITY

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 140 **218333; 1313-27 YORK AVE**
 1313-27 YORK AVE

MANHATTAN, NY

Spill Number: 0914448

Close Date: 10/11/2009
 TT-Id: 520A-0248-480

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 721 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 1313 YORK AVE
 Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: DMPOKRZY

Spiller: ERT DESK – CON EDISON
 Notifier Name:
 Caller Agency:
 Contact for more spill info: ERT DESK

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/05/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	UTILITY

 Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 141**VAULT**

1313-27 YORK AVE

MANHATTAN, NY

Spill Number: 0906531**Close Date: 11/19/2009**

TT-Id: 520A-0232-096

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 721 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Local Agency

Caller Name:

DEC Investigator: RWAUSTIN

Spiller: CON ED

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

 Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/08/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	7.00	GALLONS	0.00	GALLONS	

 Caller Remarks:

Clean up pending analysis.

 DEC Investigator Remarks:

Austin – 11/19/09 – Transformer oil spill from adjoining vault – Spill cleaned up by Con Ed – See final EMIS in eDocs – end

Map Identification Number 142**PILAR RES**

410 EAST 65TH ST

NEW YORK, NY

Spill Number: 0610263**Close Date: 12/11/2006**

TT-Id: 520A-0090-370

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 754 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: rmpiper

Spiller: BETH PILAR

Notifier Name:

Caller Agency:

Contact for more spill info: BETH PILAR

Spiller Phone: (917) 763-9412

Notifier Phone:

Caller Phone:

Contact Person Phone: (917) 763-9412

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/09/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MERCURY	HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Broke a thermometer last night and attempted to clean it up. Still have some remnants on the surface of table. She states she also cut her finger on the glass and may have gotten mercury in her cut.

Wants to talk to the REP

DEC Investigator Remarks:

DEC Piper spoke w/ Beth (caller) about cleanup. Caller stated mercury from thermometer was smeared into comforter and dresser after trying to properly clean. Piper contacted DEC Austin for advice on spill. Austin stated procedure which is what caller did. Piper spoke w/ caller about cleaning and that was done already though there are smears. Piper contacted FDNY Hazmat for advice. Hazmat stated that they have the capabilities to remove the mercury and caller should contact 911 directly due to SOP. Piper contacted caller and stated FDNY Hazmat instructions. Piper followed up with caller in pm. Caller stated 4 firetrucks, hazmat team and two ambulances showed up and shut down the road. Hazmat bagged comforter and rug and cleaned dresser. Bags were left at her residence. Caller taken to emergency room where while waiting DEP Dan Walsh tracked her down and issued commissioners order to remove haz materials and gave # of 3 contractors. Doctors made comments why she was here due to small quantity of exposure. Disposal estimates ~\$2K. Piper stated to caller he will talk with supervisor on Mon am.

0900aPiper updated DEC Austin. Piper contacted DEP Dan Walsh. Dan issued notice due to haz. material and stated DEP hazmat should have been notified. This amount is a unregulated quantity. Walsh to speak with supervisor regarding disposal requirements.

1030-Dan walsh returned phone call and stated that the material is considered Hazardous and must be disposed of by a contractor and the Order is still in effect. Piper contacted Sanitation which said they will have supervisor call back.

1245 Piper recieved call from caller, stated she has contacted the Mayors office and would like me to contact Ms. Amy Miller. I was in field and would call upon additional info and return to office.

1345 Piper contacted Lt. Flynn at Sanitation. Lt stated if it is broken, then it must be cleaned and disposed of by a profesional. Sanitation does not take broken thermometers.

Piperspoke w/ Mayors office Amy Miller. AS per conversation amy stated that caller was forced into ambulance. This is new to piper. Piper explained to Amy that DEC refers mercury spills to DEP and FDNY Hazmat. This issue is being dealt with by the city and owner of thermometer to dispose of properly. This case is closed.

Map Identification Number 143

1ST AV & E 68TH ST

MANHATTAN, NY

Spill Number: 9902558**Close Date: 02/24/2003**

TT-Id: 520A-0091-038

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 761 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 1ST AV / E 68TH ST

Revised zip code: NO CHANGE

Source of Spill: PASSENGER VEHICLE

Notifier Type: Fire Department

Caller Name: LT SMITH

DEC Investigator: TOMASELLO

Spiller: FRANCIS MERRILL - FRAN - MAUR CORP

Notifier Name: DISPATCH

Caller Agency: NYFD

Contact for more spill info:

Spiller Phone: (516) 756-1199

Notifier Phone:

Caller Phone: (212) 570-4218

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/05/1999		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	7.00	GALLONS	7.00	GALLONS	SOIL

Caller Remarks:

limo hit a pot hole that ripped the gas tank open - fire dept responded & clean up spill - notification only

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 144**FIRE HYDRANT**

1132 YORK AVE EAST SIDE

NEW YORK, NY

Spill Number: 0312039**Close Date: 02/02/2004**

TT-Id: 520A-0099-220

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 768 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 1132 YORK AVE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: SHAYE MCATAMNEY

DEC Investigator: SMSANGES

Spiller: UNKLNOWN

Notifier Name: SHAYE MCATAMNEY

Caller Agency: NYC DEP

Contact for more spill info: SHAYE MCCATAMNEY

Spiller Phone:

Notifier Phone: (718) 595-4618

Caller Phone: (718) 595-4618

Contact Person Phone: (718) 595-4618

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/25/2004		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

Caller Remarks:

CALLER STATES THAT SOME KIND OF OIL IS SPILLED DOWN HYDRANT, NOT SURE HOW GOT THERE OR HOW MUCH., WORKING ON GETTING SOMEONE OUT THERE TO CHECK ON CLEANING, COULD BE A HAZARD TO WATER SUPPLY, WOULD LIKE DEC TO CHECK OUT. IOF THEY CLEAN UP IT COULD BE A RELEASE INTO SUPPLY.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Map Identification Number 145**CORNELL MEDICAL CENTER**
FDR DRIVE NEAR 71ST STREE

NEW YORK, NY

Spill Number: 9509550**Close Date: 11/22/1996**

TT-Id: 520A-0101-874

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: FDR DRIVE NEAR 71ST STREET

Revised zip code: 10021

Source of Spill: UNKNOWN
Notifier Type: Citizen
Caller Name: ILENE SIEGEL
DEC Investigator: MCTIBBESpiller: UNKNOWN POS WORKERS
Notifier Name: SAME
Caller Agency: SELF 525 EAST 72ND ST
Contact for more spill info: ILENE SIEGELSpiller Phone:
Notifier Phone:
Caller Phone: (212) 772-0913
Contact Person Phone: (212) 772-0913Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/02/1995		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

CALLER NOTICED FROM THE 50TH FLOOR OF HER APT BUILDING A WHITE SUBSTANCE FLOATING DOWN THE RIVER LOOKED QUITE LARGE POSSIBLE
COMEING FROM THE NEW CORNELL CONSTRUCTION SITE ON FDR DRIVE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
UNFOUNDED.**Map Identification Number 146****EAST 71ST STREET & FDR DR**
EAST 71ST ST / FDR DR

MANHATTAN, NY

Spill Number: 9412598**Close Date: 07/12/2006**

TT-Id: 520A-0090-921

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name: PAUL MEYER	Caller Agency: LANGAN ENGINEERING	Caller Phone: (201) 794-6900
DEC Investigator: SXLASDIN	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Unknown RP – DEC Field Response – DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/20/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

CONTAMINATED SOIL APPROX. 5YDS –CALLER WAS DIGGING FOUNDATIONS AND FOUND CONTAMINATED SOIL FROM UNKNOWN SOURCE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"

7/12/06. per March 1995 report from langan engineers, spill was cleaned up. close spill.

Map Identification Number 147 **MANHOLE – #2 PIPELINE**
 71 ST / FDR DRIVE

MANHATTAN, NY

Spill Number: 0508491

Close Date: 01/12/2006
 TT-Id: 520A-0095-999

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: E 71ST ST / FDR DR
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Responsible Party
 Caller Name: TOM ENRIGHT
 DEC Investigator: GDBREEN

Spiller: ERT DESK' – MANHOLE – #2 PIPELINE
 Notifier Name: TOM ENRIGHT
 Caller Agency: CONED
 Contact for more spill info: ERT DESK'

Spiller Phone: (212) 580-8383
 Notifier Phone: (212) 580-6766
 Caller Phone: (212) 580-6766
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/16/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	25.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CREW IS RESPONDING FOR CLEANUP. OIL IS CONTAINED IN THE MANHOLE. 161511.
UPDATE: 0816: 400 GALLONS – NOT 25

DEC Investigator Remarks:

161511.000

0725– J. Stefl fuel oil line supervisor finds fuel oil in manhole at 71 th street during monthly pressure decay test of #2 fuel oil line.

0725– Estimate of 25 gallons spilled from leak

0730–CIG notified of leak on #2 fuel oil line by W. Storey Shift Supervisor

0732–ERT notified of leak by W. Storey Shift Supervisor

Map Identification Number 148



FDR SERVICE RD

E 71ST ST

MANHATTAN, NY

Spill Number: 0012963

Close Date: 03/20/2001

TT-Id: 520A-0096-000

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: FDR DR / EAST 71ST ST

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: PETE MAGUIRE
DEC Investigator: JMKRIMGO

Spiller:
Notifier Name: BOOMER
Caller Agency: CON ED
Contact for more spill info:

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6765
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/10/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

3rd party spill found by con ed emp's – sample taken – mixed with 10gal of water in a puddle – jacob krimgold advised

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"

Map Identification Number 149

MH 427



FDR DR/ 71ST ST

MANHATTAN, NY

Spill Number: 0008932

Close Date: 04/11/2001

TT-Id: 520A-0096-001

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: FDR DR / EAST 71ST ST

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEVE ROMERO

DEC Investigator: KMFOLEY

Spiller: SAME – CON EDISON

Notifier Name: MR WILLIAMS

Caller Agency: CON EDISON

Contact for more spill info: STEVE ROMERO

Spiller Phone: (212) 580-6763

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/01/2000		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	8.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

8 GAL SPILLED ... SAMPLES TAKEN CLEAN UP PENDING. REF #134209.

DEC Investigator Remarks:Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
DEC INSPECTOR'S NOTES

CON ED E2MIS REPORT 11-01-00

Mechanic 'A' working for Transmission Operations Department was performing mouse and mandrel operation. Mouse and mandrel were pushed from MH#426 to #427- Feeder 36252, with pressure behind it from compresses air traile. When mouse and mandrel exited inot MH#427 approx. 8 glas. of oil came behind it. The oil is contained with MH#427.

Chem lab took samples on 11-01-00

Lab Seq# 00-10448 <1.00ppm PCB

On 11-02-00 Clean Harbors removed 1000gals. of oil and water from Manhole under manifest.

Containment/Clenaup Activities

Sealed leak

Removed/recovered liquid/solids

Washed stained areas.

Map Identification Number 150

E 61ST ST/FDR DRIVE

MANHATTAN, NY

Spill Number: 0400840**Close Date: 04/26/2004**

TT-Id: 520A-0090-829

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 798 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: DEP	Spiller Phone: (718) 372-7193
Notifier Type: Responsible Party	Notifier Name: JAMES DALY	Notifier Phone: (718) 372-7193
Caller Name: JAMES DALY	Caller Agency: NYC DEP	Caller Phone: (718) 372-7193
DEC Investigator: SMSANGES	Contact for more spill info: DEP	Contact Person Phone: (718) 372-7193

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/24/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
RAW SEWAGE	OTHER	0	POUNDS	0	POUNDS	SURFACE WATER

Caller Remarks:

RAW SEWAGE SPILL AT ABOVE LOCATION. IT IS NOT LEAKING NOW BECAUSE IT IS "SAND BAGGED."

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Map Identification Number 151 **E 66TH / 1ST AVE**
 E 66TH / 1ST AVE

NEW YORK, NY

Spill Number: 0705719

Close Date: 08/20/2007
 TT-Id: 520A-0102-549

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 856 feet to the WNW

ADDRESS CHANGE INFORMATION
 Revised street: E 66TH ST / 1ST AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller:	Spiller Phone:
Notifier Type: Citizen	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: hrpatel	Contact for more spill info: SANDRA	Contact Person Phone: (212) 689-1520

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
08/18/2007		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

08/20/07–Hiralkumar Patel. spoke with Ms. Sandra. she found cooking oil on sidewalk near trash cans. no petroleum product.

case closed.

Map Identification Number 152 **MANHOLE 48444**
 YORK AVE/E 61ST ST

MANHATTAN, NY

Spill Number: 9901329

Close Date: 05/18/1999
 TT-Id: 520A-0091-029

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 881 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Other
 Caller Name: STEVEN CRIBBIN
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name: MR MCQUE
 Caller Agency: CON EDISON
 Contact for more spill info: STEVEN CRIBBIN

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended			
05/04/1999		UNKNOWN	NO		NO			
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected	
UNKNOWN PETROLEUM		PETROLEUM	0	GALLONS	0	GALLONS	SOIL	

Caller Remarks:

CALLER STATES 12OZ OF OIL ON 30 GALS OF WATER CONTAINED IN MANHOLE. CLEAN UP PENDING LAB RESULTS. CON ED 124-638.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Con ed e2mis notes:

Approx 12 ozs of unknown oil mixed with approx 30 gallons of water. The spill is contained and there was no entry to any sewers or waterways. PCB 14 ppm , Aroclor 1254.

Cleanup completed on 5-12-99 at 0530 hours.

200 gallons oily water removed via tanker.

MH cleaned using slix.

1-55 gallon drum waste generated, non - hazardous.

Map Identification Number 153**STREET**

1239 1ST AVE

MANHATTAN, NY

Spill Number: 1012890

Close Date: 03/28/2011

TT-Id: 520A-0262-391

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 892 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10065

Source of Spill: PASSENGER VEHICLE

Notifier Type: Other

Caller Name:

DEC Investigator: HRPATEL

Spiller: UNKNOWN

Notifier Name:

Caller Agency:

Contact for more spill info: WILLIAM CUPO

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended

03/26/2011		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected

GASOLINE	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

Caller advised gas tank ion veh punctured and 3 gallons of gasoline spilled onto street. Clean up is complete with speedy dry and 3 gallons that was left in the tank has been put into a drum and located in front of 1239 1st ave.

DEC Investigator Remarks:

Spoke with FD. Gas tank of a private car leaked. FD cleaned up the spill on the street with speedi dry and emptied the gas tank into a drum. As per FD, No responsible party available to pick up the drum. The vehicle left the scene. Notified DEP Hazmat.(sr)

03/28/11–Hiralkumar Patel. visited site on 03/27/11. no drum found.

case closed.

Map Identification Number 154

E.71ST ST 1ST & YORK
E. 71ST ST BET 1ST & YORK

MANHATTAN, NY

Spill Number: 9810565

Close Date: 11/20/1998

TT-Id: 520A-0101-969

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 920 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: E 71ST ST BTW 1ST ST / YORK
Revised zip code: 10021

Source of Spill: UNKNOWN
Notifier Type: Citizen
Caller Name: CHRISTINE STAUB
DEC Investigator: JXZHAO

Spiller: UNKNOWN
Notifier Name:
Caller Agency: CITIZEN
Contact for more spill info: CALLER

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 421-1023
Contact Person Phone: (212) 421-1023

Category: Investigation indicates there was no spill.

Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/19/1998		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
SYRINGES	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller reported that on the north side of the street at the above intersection she noticed a large amount of needles in the ditch.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHAO"
SANITATION WILL RESPOND.

Map Identification Number 155 **520 EAST 72ND ST/MANH**
 520 EAST 72ND STREET

NEW YORK CITY, NY

Spill Number: 8901204

Close Date: 12/04/1992
 TT-Id: 520A-0091-711

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 923 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Responsible Party

Caller Name: MR. PASCAL

DEC Investigator: SIGONA

Spiller:

Notifier Name:

Caller Agency: AMERADA HESS

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (201) 489-5100

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/08/1989	12/04/1992	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CLEAN UP CREW IS ON THE WAY.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 156

517 EAST 71ST ST

MANHATTAN, NY

Spill Number: 0009596**Close Date: 02/13/2003**

TT-Id: 520A-0091-168

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 923 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Fire Department

Caller Name: DISPT 408

DEC Investigator: SACCACIO

Spiller: CORNELL UNIVERSITY

Notifier Name:

Caller Agency: NYC FD

Contact for more spill info: NYC FD MANHATTAN

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 570-4300

Contact Person Phone: (212) 570-4300

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/21/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
PICRIC ACID	OTHER	1.00	POUNDS	1.00	POUNDS	SOIL

Caller Remarks:

1/2 lb of above acid at location in a container – it has crystalized. hazmat on scene

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 157

520 E. 72ND ST

MANHATTAN, NY

Spill Number: 0005199**Close Date: 05/11/2004**

TT-Id: 520A-0091-129

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 923 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Affected Persons
 Caller Name: TED ROBICHAUD
 DEC Investigator: JHOCONNE

Spiller:
 Notifier Name: MR DELUCA
 Caller Agency: CON EDISON
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6763
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/31/2000		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

con ed doing an excavation and found approx 2 quarts of oil in soil around a fill pipe – clean up in progress – con ed #132642

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 e2mis no. 132642:

WHILE EXCAVATING AT 520 E 72 ST, MECHANIC BRIAN MORGAN DISCOVERED FUEL OIL IN THE SOIL LEAKING FROM A FUEL OIL FILL LINE. CREW IN THE PROCESS OF EXCAVATING THE SOIL INTO 55 GALLON DRUMS FOR REMOVAL. SAMPLE WILL BE TAKEN TO CHEM LAB FOR ANALYSIS. APPROXIMATELY 1-2 QUARTS OF OIL.

7/31/00 2000 Mech. M.Persaud #19726 Manhattan Gas Const. reports clean-up completed all material put in drums and removed. All soil, pads, rags and PPE were disposed of as Non-Hazardous Industrial Waste.

Map Identification Number 158 **400 EAST 71ST ST / MAN**
 400 E.71ST ST

MANHATTAN, NY

Spill Number: 8909057

Close Date: 01/16/1990
 TT-Id: 520A-0095-197

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 934 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name: VAL MACARI
 DEC Investigator: SULLIVAN

Spiller: SUPER
 Notifier Name:
 Caller Agency: PETRO TANK CLEANERS
 Contact for more spill info:

Spiller Phone: (121) 288-0768
 Notifier Phone:
 Caller Phone: (718) 624-4842
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/14/1989	01/16/1990	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

OIL IN BASEMENT.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

01/16/90: PETRO TANK CLEANERS CLEANED UP SPILL, SIDEWALK STEAM CLEANED.DEC CONFIRMED CLEAN UP ON 12/14/89.

Map Identification Number 159 **MULTIPLE DWELLING**
 401 EAST 70 ST-OFF 1ST AV

MANHATTAN, NY

Spill Number: 0311953

Close Date: 09/21/2004
 TT-Id: 520A-0095-199

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 934 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 401 E 70TH ST
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Fire Department
 Caller Name: DISPATCHER 413
 DEC Investigator: MXTIPPLE

Spiller: ANVIL COMPANY
 Notifier Name: BATTALION 10
 Caller Agency: FDNY
 Contact for more spill info: DSP 413

Spiller Phone: (718) 401-2500
 Notifier Phone: (212) 570-4300
 Caller Phone: (212) 570-4300
 Contact Person Phone: (212) 570-4300

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
01/24/2004		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL		PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

The oil was spilled outside on the street approximately 10 x 40. Inside the bldg was a 10 x 10 area. The Anvil fuel oil co is on it's way for cleanup.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
1/27/04 FDNY requested DEC response// a block from NY Hospital. a section of sidewalk completely impacted///

Park Avenue Associates same as Anvil //cleanup of sidewalk completed, tank room has minor impact from leaking manway seal.

9/21/04 see spill # 03-11955

Map Identification Number 160 **206494; YORK AVE**
 YORK AVE
 YORK AVE E 71 E 72

, NY

Spill Number: 0890444

Close Date: 08/16/2010
 TT-Id: 520A-0218-396

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 955 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: YORK AVE / E 71ST E 72ND STS
 Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: JIMZALEWS

Spiller: ERT DESK - CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
06/18/2007		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID		PETROLEUM	0.19	GALLONS	0.00	GALLONS	UTILITY

Caller Remarks:

M57129 -- E/S YORK AVE 50' S/O E 72 ST -- SPILL, CABLE OIL
 Pending: Operational Necessity for Business Units Other Than S&TO or SSO

DEC Investigator Remarks:

08/16/2010
 See eDocs for Con Ed report detailing cleanup and closure DMP

Map Identification Number 161 **SERVICE BOX 12406**
 342 EAST 67TH ST

MANHATTAN, NY

Spill Number: 0001277

Close Date: 03/23/2004
 TT-Id: 520A-0095-841

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 962 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Other
 Caller Name: BILL MURPHY
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name: MR TIMMONS
 Caller Agency: CON EDISON
 Contact for more spill info: BILL MURPHY

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/02/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 QTS UNK MATERIAL ON 75 GALS WATER IN SERVICE BOX – SAMPLE TAKEN

TO ID PRODUCT AND GET PCB COUNT–CLEAN UP PENDING RESULTS – CON ED 131149

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis no. 131149:

2–qts unknown fluid with 75 gallons water in sb–12406. No sewer connections as per duct records. No sump. Clean up pending lab results.

Lab–Seq#00–04263 PCB <1 ppm.

DATE AND TIME THE CLEANUP WAS COMPLETED: 05/06/00, 05:30 AM.

CLEANUP PROCEDURE: FLUSH TRUCK FROM FLUSH OPERATIONS USED A HIGH PRESSURE HOSE TO DOUBLE WASHED THE FLOOR AND WALLS WITH BIO–GENESIS SOLUTION (SLIX), MANHOLE WAS THEN RINSED BY FLUSH TRUCK.

Map Identification Number 162 **402 E 64TH ST**
 402 E 64TH ST

NYC, NY

Spill Number: 9109492**Close Date: 12/30/2003**
TT–Id: 520A–0096–005

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1001 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name:

DEC Investigator: SJMILLER

Spiller:

Notifier Name:

Caller Agency:

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
12/05/1991		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL		PETROLEUM	175.00	GALLONS	175.00	GALLONS	AIR

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER"
12/5/91 – 12/9/91, MILLER INSPECTED CLEAN UP. SOURCE CEASED AFTER INITIAL SPILL REPORT.

Map Identification Number 163



EXCAVATION SITE

426 EAST 62ND ST

MANHATTAN, NY

Spill Number: 0810522

Close Date: 02/12/2009

TT-Id: 520A-0224-012

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1022 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: asnagi

Spiller: ERT – UNKNOWN

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
12/18/2008		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:Caller states there are discolored soils and an odor of gas in the soil at above site. Site will be covered and backfilled.

DEC Investigator Remarks:

02/12/09 – See eDocs for Con Ed report detailing cleanup and closure.

Map Identification Number 164**VAULT 9139**

531 MAIN STREET

ROOSEVELT ISLAND, NY

Spill Number: 0006796**Close Date: 06/29/2004**

TT-Id: 520A-0096-939

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1026 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10044

Source of Spill: UNKNOWN
Notifier Type: Responsible Party
Caller Name: JIMMY FOX
DEC Investigator: KMFOLEY

Spiller: CON EDISON
Notifier Name: MR PELLIGRENO
Caller Agency: CON ED
Contact for more spill info: CALLER

Spiller Phone: (212) 580-6763
Notifier Phone:
Caller Phone: (212) 580-6763
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/08/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	9.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:CALLER REPORTING A SPILL OF MATERIAL POSSIBLY FROM A TRANSFORMER CONED#133282 SAMPLES TAKEN CLEAN UP WILL BE PENDING RESULTS
NO CALLBACK NECESSARY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"

e2mis no. 133283:

3 gallons possible transformer oil mixed with approx. 20 gallons water in vault V9139. There are 2 adjacent vaults V9550 – Feeder 31M56 and V9618 – Feeder 31M08 with approx. the same amount of oil and water in each vault. There is a weep hole in vault V9139 which caused the oil & water to migrate to the other 2 vaults. There is a possible bottom leak in the transformer in vault V9139 which is the possible source of the oil.

There is NO sump in vault 9139. There are 2 sump pumps in the adjacent vaults but they were not working. There is a sewer connection. There is no evidence of release to sewer or waterway. No initial cleanup action was taken other than to unplug the pumps. Cleanup is pending lab analysis results and crews.

LSN 00-0865

V9550 -- Aroclor 1254 PCB 24 ppm

V9139 -- Aroclor 1254 PCB 04 ppm

V9618 -- Aroclor 120 PCB 22 ppm

9/26/00 Transformer was removed at :00 hours, and clean up began. Tanker from Astoria removed 1500 gallons of water, and oil from all three structures. V 9139 was cleaned first so the new transformer could be dropped. This structure was cleaned, and double washed with BG-Clean 402, and washed down with water from the flush truck. At 16:45 the clean up on V 9139 was complete, the weep holes were plugged. At 17:30 the clean up on V 9550, and V 9618 was started. Both structure were cleaned with the same

soulution, and washed down with water from the flush truck. Clean up on these two stuctures were completed at 20:30 hours.

Map Identification Number 165**VAULT 8984**

555 MAIN STREET

ROOSEVELT ISLAND, NY

Spill Number: 0207142**Close Date: 01/20/2004**

TT-Id: 520A-0096-942

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1035 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10044

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name: MARK SCHLEGEL
DEC Investigator: AERODRIG

Spiller: UNKNOWN
Notifier Name: MR PIGANO
Caller Agency: CON EDISON
Contact for more spill info: MARK SCHLEGEL

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
10/10/2002		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CLEANUP PENDING – NO SMOKE FIRE ETC – SPILL ON 400 GALLONS WATER

CON ED #145523

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS NOTES 145543

On 10/10 @ 09:40 Bonaparte # 24219 I&A reported to me that while working in V-8984 for Feeder 31 M 56 he discovered app 3 gal of unknown oil and 400 gal of water. He was working on "460" routine inspections. He suspects that the oil is cable oil from the Transfromer unit due to heavy corrosion. The unit is condemned and pending removal.

No sewer/waterway affected, no injuries, no weather contributed, no private property affected, no fire or smoke involved. There is no movement on the standing water. no sumps and no substantial cracks in the structure. The Enbvironmental tag # 31522 was hung. Two samples will be taken for PCB & ID with Chain of

Custody # AA 22347. Cleanup pend Transfromer removal.

1/20/04

Sample results – 34 ppm PCBs. Cleanup completed 1/23/03. Transformer removed and replaced on 1/23/03.

Map Identification Number 166



EXCAVATION SITE

333 E 66TH ST

MANHATTAN, NY

Spill Number: 0805133

Close Date: 09/19/2008

TT-Id: 520A-0220-536

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1037 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	asnagi	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/04/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Unk oil found at excavation site. No to the 5 questions. Ref # 212926. 3rd party spill. Cleanup is pending.

DEC Investigator Remarks:

09/19/08 – See eDocs for Con Ed report detailing cleanup and closure.

Map Identification Number 167



EAST RIVER E. 72ND STREE
EAST RIVER E. 72ND STREET

MANHATTAN, NY

Spill Number: 9309252

Close Date: 10/31/1993
TT-Id: 520A-0101-984

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1064 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: E 72ND ST / FDR
Revised zip code: 10021

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:	EUGENA ALLEN	Caller Agency:	NYC DEP	Caller Phone:	(718) 595-6700
DEC Investigator:	TOMASELLO	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/31/1993	10/31/1993	UNKNOWN	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

RECEIVED CALL FROM CITIZEN ABOUT OIL ON H2O DEP NOT TO TAKE ACTION AT THIS POINT- ACTION TO TAKE? 1446 CALLED DEP TOLD TO TO CALL USCG.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 168



EAST RIVER/72ND ST&FDR DR
EAST RIVER / 72ND ST

NEW YORK CITY, NY

Spill Number: 8805839

Close Date: 11/06/2001

TT-Id: 520A-0101-983

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1064 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: F.D. ROOSEVELT DR / E 72ND ST
Revised zip code: 10021

Source of Spill: UNKNOWN
Notifier Type: Citizen
Caller Name: CHIEF MILLER
DEC Investigator: TOMASELLO

Spiller: UNKNOWN
Notifier Name:
Caller Agency: USCG
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 668-7913
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/10/1988	11/06/2001	UNKNOWN	YES		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
RAW SEWAGE	OTHER	-1.00	POUNDS	0.00	POUNDS	SURFACE WATER

 Caller Remarks:

 RAW SEWAGE IN EAST RIVER CALLED IN BY CITIZEN (MR. UPMAN).

 DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

 11/06/01: MF-R9 RAE SEWAGE COMPLAINT, NO FURTHER ACTION POSSIBLE AFTER 13 YEARS. NO FURTHER INFO IN FILE**COMPUTER FILE*****

Map Identification Number 169

MANHOLE 59969

YORK AVE & EAST 72ND ST

MANHATTAN, NY

Spill Number: 9808108
Close Date: 11/05/2003

TT-Id: 520A-0090-972

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1099 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: YORK AVE / EAST 72ND ST

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: JOE DEVOTI

DEC Investigator: CAENGELH

Spiller: JOE DEVOTI - MANHOLE 59969

Notifier Name: JOE DEVOTI

Caller Agency: CON EDISON

Contact for more spill info: JOE DEVOTI

Spiller Phone: (212) 580-6763

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/01/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	6.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

 SPILL HAS BEEN CONTAINED FOR CLEANUP - CON ED SPILL #120225

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
E2MIS 120225

Logger: Louis Cook (15851)

Date 10/1/98

Description: On 10/1/98 JGennaro (78567) Senior Elec. Tech and I. Martinez (54385) Sr. Elec. Tech. found 6 gallons of oil on top 3000 gallons of water contained inside mh 59969 for feeder D38M06. This mh was previously tagged with a date of 9/5/97. Cathodic protection testing was performed. No oil entered the sewers or waterways. REFERRED TO S&TO THROUGH EMAIL NOTIFICATION"

Dept/Facility

SMALL OIL SPILL Con Edison Incident No. 120225_____

CLEANUP CHECKLIST NYSDEC Spill No. 98-08108_____

Name of person completing checklist: J ALBERTELLI, SUPERVISOR, 08810

Con Edison Operating Department responsible for spill cleanup: TRANS OPS

(1) A small oil spill is a spill of oil containing less than 50 ppm PCBs that does not meet the criteria for a de minimis spill and satisfies either of the following

conditions:

? It is totally contained in an impervious structure, such as a manhole, vault, or moat, or

? It meets all of the following criteria:

- No sewer or waterway is affected, and
- No private property is affected, and
- No personal injuries are involved, and
- Cleanup is completed within 72 hours of the spill discovery, and
- Less than 50 gallons of oil, petroleum product of any kind, or dielectric fluid is spilled.

(2) Material spilled/discovered:

0 Oil (type); PCB concentration: less than 50 ppm; known / unknown.

☐ Dielectric fluid; PCB concentration: less than 50 ppm; known / unknown.

If unknown PCB concentration, was sample collected? ☐ Yes ☐ No

(3) Sample submitted for analysis? ☐ Yes Sample ID No. ☐ No

For what parameters? ☐ PCB ☐ Benzene ☐ Other Parameters

Copy of chain of custody form attached? ☐ Yes ☐ No

(4) Amount spilled/discovered: If leak/spill is continuing, rate

(5) When was spill discovered? Date Time

(6) Location of spill. (Be as precise as possible. Include cross streets, manhole numbers, equipment box numbers, etc., as appropriate.)

MH59969

☐ Sketch attached

(7) Source/cause of spill. (Be as precise as possible. Include equipment numbers, if possible.)

☐ Unknown

(8) Description of area affected by spill (include dimensions as appropriate)

(9) Containment/Cleanup Activities (per GEI 2.11, 2.13, 2.16, 3.2, or 3.3) ☐ Sketches attached.

☐ Tightened valve.

☐ Placed drip pan.

☐ Sealed leak.

☐ Blocked nearby sewers/drains with spill kits.

☒ Removed/recovered liquid/solids.

☒ Used absorbents to remove residual fluids.

☐ Removed contaminated vegetation.

☒ Removed visible traces of oil.

X Washed stained areas.

0 Excavated contaminated soil, bluestone.

0 Other

0 See attached contractor report.

(10) Identify who performed cleanup:

0 Con Edison personnel/department? D JAMES, SPLICER, 14928

0 Name of contractor CLEAN HARBORS

0 Contractor report attached.

(11) Cleanup completed on Date 10/03/98 Time* 11:30

*Note: If the cleanup is completed more than 72 hours after the spill was discovered, the spill is a large oil spill.

(12) Con Edison personnel directing cleanup J ALBERTELLI, 08810

Map Identification Number 170**MANHOLE #5590**

EAST 72TH & YORK AVE

MANHATTAN, NY

Spill Number: 0407840**Close Date: 12/23/2005**

TT-Id: 520A-0092-816

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1099 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: E 72ND ST / YORK AVE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Responsible Party
Caller Name: LARRY COSTA
DEC Investigator: JHOCONNE

Spiller: UNKNOWN
Notifier Name: RICH PAGANO
Caller Agency: CON ED
Contact for more spill info: ERT DESK

Spiller Phone:
Notifier Phone: (212) 780-3756
Caller Phone: (212) 580-8383
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
10/15/2004		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

4 gal. of unkn oil on 10 gallons of water in manhole. Samples taken. clean-up pending test results. No to 5 questions at this time. Con Ed Ref # 155829.

DEC Investigator Remarks:

e2mis no. 155829:

On 10/15 @ 04:15 R Williams of RW's discovered approx 4 gal of unknown oil and 10 gals water. The source and cause are unknown at this time. The spill is in the concrete Vault. There is a sump pump that was found not running. Environmental tag # 10327 was hung. Two samples for PCB and ID were taken.

10/15 @ 05:00

Cleanup scheduled for 07:00 HRS on 10/15/2004.

Transportation notified and faxed info for "Over 50" tanker

Vactor services notified and faxed info

EPA # NYP 004 125 688

Oct. 15, 2004

Lab Sequence Number: 04-08402-001 TOTAL PCB 15 ppm

Update 10-15-04 @ 12:58

Lab Sequence Number: 04-08406-001 Analysis indicates the presence of a substance similar to a dielectric fluid

Update: 04/01/05 @ 22:45

Partial Clean Up Completion Date: 04/01/05 Time:18:00

Details: Partial Clean Up

Solids Removed: Mud and stone

Barrels used: None

Liquids Removed: Yes How many Gallons: 260

Removed By: tanker

Drums: None

Vactor Truck: Yes

Method Used to Clean : Was washed twice and power washed using flush truck.

04-02-05 16:45

Final clean-up is completed @ 16:30. 25 gals. of water was removed. No solids. Unit was double-washed w/slix. vactor and tanker was on location. Environmental tag was removed #10327. See clean-up crew on people involved screen. Source of spill transformer. Transformer was removed and installed.

Map Identification Number 171

MANHOLE 59969

YORK AV/EAST 72ND ST



MANHATTAN, NY

Spill Number: 0203465

Close Date: 10/30/2002

TT-Id: 520A-0090-776

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1099 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: ANDREW MORRIS
DEC Investigator: AERODRIG

Spiller: UNKNOWN
Notifier Name: ALICE WILLIAMS
Caller Agency: CON EDISON
Contact for more spill info: ANDREW MORRIS

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
07/02/2002		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

10 GALS UNK OIL ON 100 GALS OF WATER - SAMPLE TAKEN CLEAN UP PENDING RESULTS CON ED 143702

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS NOTES 143702

Entered by Alice F. Williams, Employee # 75829, Transmission Operations Department. July 2, 2002 at 09:30 Hrs.: John Marsh,

Employee # 52092, Splicer working for Transmission Operations Department, was inspecting pipes for corrosion in

Manhole 59969, Feeder 38M35, when he discovered that the manhole contained approximately 10 gallons of oil on top of approximately 100 gallons of water. The spill is contained in the manhole. There are no injuries or outside impact, and there is no active fire or smoke. No sewers, waterways or private property are

affected. Chem Lab will be sent out to collect and test samples of the substance; cleanup is not expected totake place within 24 hours. The cause of the spill is presently unknown. Supervisor Fred Acosta of Transmission Operations Department was notified of the incident.

PCB concentration: 14 PPM PCBs

Sample ID No. . .02-06111-001

Removed/recovered liquid/solids. _ _ _ _ _ YES _

Removed visible traces of oil. ? _ _ _ _ _ YES

Name of contractor CLEAN HARBOR.

Cleanup completed on:

Date. _ _ _ _ 7-2-02

Time* _ _ 3 X 11 SHIFT

Map Identification Number 172 **345 EAST 65TH ST**
 345 EAST 65TH ST

MANHATTAN, NY

Spill Number: 9509974

Close Date: 08/31/1998
TT-Id: 520A-0092-224

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1110 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Other

Caller Name: CHANTELE

DEC Investigator: MMMULQUE

Spiller: BEN SHALOM – SKY MANAGEMENT

Notifier Name: LINDA BELISLE

Caller Agency: DEP

Contact for more spill info:

Spiller Phone: (212) 794-9595

Notifier Phone: (914) 376-1941

Caller Phone: (718) 595-6777

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
11/10/1995		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

LEAK FROM THE BOILER

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead DEC Field was "MULQUEEN"

11/10/95 mmm: CALLED LINDA BELISLE WHO STATED THAT THERE IS AN OIL LEAK IN BOIKER AND TREMENDOUS FUMES IN BUILDING, VERY BAD.

LANDLORD TELLING PEOPLE THAT IF THEY DON'T LIKE IT THEN THEY CAN MOVE OUT. NO HEAT, NO HOT WATER. NEW MANAGEMENT CO. RENOVATING

APARTMENTS IN THE 5 STORY BUILDING. MGMT CO – SKY MANAGEMENT, PO BOX 2115, LENOX HILL STATION, NY 10021 (212) 794-9595, CONTACT

IS BEN SHALOM. SHALOM CONFIRMED THERE IS A BOILER PROBLEM AND FDNY RESPONDED. COURTYARD FACING APARTMENTS ARE BEING IMPACTED. HE

FIRED SUPER AND HAS WORKMEN THERE ALL DAY LONG. KIM HANNAH ALSO RESPONDING FROM DEP.

Map Identification Number 173

UNK



59TH ST BRIDGE

BROOKLYN, NY

Spill Number: 9504422

Close Date: 10/03/1997

TT-Id: 520A-0102-304

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 1111 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10022

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name:

DEC Investigator: UNASSIGNED

Spiller: UNK

Notifier Name:

Caller Agency:

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
07/13/1995		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL		OTHER	0	POUNDS	0	POUNDS	AIR

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "XX"

Engelhardt notes: Tim Solich, 7/13/95 1400 hrs. 2 tablespoons on flange in neighborhood of feeder cable. No indication of oil leakage from equipment on bridge. Oil is from unknown source on I-beam. Some oil on Roosevelt Island tennis courts. Took sample for analysis.

7/14/95, 1503 hrs: analysis results – weathered motor oil.

SPILL CLOSED DUE TO INSUFFICIENT DATA.

Map Identification Number 174



59TH ST BRIDGE

59TH ST BRIDGE

MANHATTAN, NY

Spill Number: 9400023

Close Date: 04/01/1994

TT-Id: 520A-0102-303

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 1111 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: QUEENSBORO BRIDGE

Revised zip code: 10022

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: DEC

Caller Name: ECO DEANGELIS

DEC Investigator: KSTANG

Spiller: ALL STATE POWER VAC.

Notifier Name:

Caller Agency: DEC ECO

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (718) 482-4885

Contact Person Phone:

Category: Investigation indicates there was no spill.
Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/31/1994	04/01/1994	OTHER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

Caller Remarks:

CONTAINER STOLEN FROM BRIDGE OVERNIGHT FULL - HAD TARP ON IT - ENFORCEMENT ACTION PUT IN PLACE - REFER TO ECO DEANGELIS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"

10/10/95: This is additional information about material spilled from the translation of the old spill file: 20CUV. YARD BOX PAIN.

Map Identification Number 175

QUEENSBOROUGH BRIDGE
QUEENSBOROUGH BRIDGE

NEW YORK CITY, NY

Spill Number: 8802956

Close Date: 07/05/1988

TT-Id: 520A-0102-306

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 1111 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: QUEENSBORO BRIDGE

Revised zip code: 10022

Source of Spill: UNKNOWN
Notifier Type: Citizen
Caller Name: PETTY OFFICER CORCORAN
DEC Investigator: SIGONA

Spiller: UNKNOWN
Notifier Name:
Caller Agency: USCG
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 668-7920
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/05/1988	07/05/1988	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SURFACE WATER

Caller Remarks:

1 MILE LONG, SENT BOAT TO INVESTIGATE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 176**EAST RIVER**

59TH ST BRIDGE

NEW YORK CITY, NY

Spill Number: 0209372**Close Date: 11/19/2003**

TT-Id: 520A-0102-314

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 1111 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: UNKNOWN

Source of Spill: UNKNOWN
 Notifier Type: Federal Government
 Caller Name: PETTY OFFICER IRAKLIDIS
 DEC Investigator: JBVOUGHT

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency: US COAST GUARD
 Contact for more spill info: PETTY OFFICER IRAKLIDIS

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 354-4136
 Contact Person Phone: (718) 354-4136

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
12/12/2002		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ANTIFREEZE		OTHER	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

sheen discovered on river – has greenish color sheen approx 100 ft

by 80 ft no containment

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
 SOURCE. CG WILL CALL BACK QUANTITY?

11/19/2003–Vought–Sheen possibly due to biological decay. Coast Guard not notified due to that spill is not over 100 gallons. Non recoverable sheen. Spill closed by Vought.

Map Identification Number 177 **QUEENSBORO BRIDGE**
 **EAST ROAD WAY**

MANHATTAN, NY

Spill Number: 0006603

Close Date: 05/13/2004
 TT-Id: 520A-0102-317

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 1111 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10044

Source of Spill: UNKNOWN
 Notifier Type: Responsible Party
 Caller Name: BRIAN JOYCE
 DEC Investigator: KMFOLEY

Spiller: CON ED
 Notifier Name: MR TYNDAL
 Caller Agency: CON EDISON
 Contact for more spill info: BRIAN JOYCE

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
09/04/2000		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID		PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

DISTRIBUTION FEED LEAK 1 PINT ONTO ROADWAY. MOSTLY CLEANED UP. CON ED#133186

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 e2mis 133186

09/04/00 09:30 Queens Overhead Supervisor Matt Glasser reports distribution feeder between Manhattan and Roosevelt Island leaked approximately 1 pint of dielectric fluid on the east bound roadway (bicycle lane) of the Queensboro Bridge. The spill was 1 Oz. on the concrete and remainder to pads that were placed to catch drip. The drip rate was 1 drop per 2 minutes. The feeder is now wrapped in absorbant pads and a plastic bag.

Matt Glasser #85158 reported on 5/6/04 that he remembers this incident since it was very hot that day & a holiday weekend. He stated that the materials for the cleanup was supplied by Manhattan #9, but the actual cleanup was performed by Queens crews. The spot on the roadway of the Queensboro Bridge was double washed using "Simple Green" cleaning solution, brushes, absorbent granules and pads. The area of the cable that was leaking was repaired. Manhattan #9 crew installed heat shrink sleeves over the affected area and sealed the leak. The cleanup

was completed at approx. 12:00 noon on 9/4/2000.

Map Identification Number 178 **206099; N/S E 71 50' E 1 AV**
 N/S E 71 50' E 1 AV

, NY

Spill Number: 0890075

Close Date: 05/30/2007
 TT-Id: 520A-0218-399

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1112 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: E 71ST ST / 1ST AVE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: Unassigned

Spiller: ERT DESK – CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/25/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0.25	GALLONS	0.00	GALLONS	UTILITY

Caller Remarks:

V7966 – N/S E 71 ST 50' E 1 AV Fuel OIL

Closed: Agency Approval Not Required

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 179 **1ST AVE & EAST 71ST STREET**
 1ST AVE & EAST 71ST STREET

MANHATTAN, NY

Spill Number: 0806475**Close Date: 09/09/2008**
TT-Id: 520A-0223-943

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1112 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 1ST AVE / EAST 71ST STREET

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Fire Department
 Caller Name:
 DEC Investigator: hrpatel

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: FDNY DISPATCH 236

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 628-2900

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/09/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	100.00	GALLONS	0.00	GALLONS	

Caller Remarks:

CALLER STATES THAT THERE IS ABOUT 100GALLONS OF OIL IN THE STREET HE WAS NOTIFIED BY FDNY.

DEC Investigator Remarks:

duplicate spill. refer to spill #: 0806455.

case closed.

Map Identification Number 180 **60TH ST & YORK AVE**
 E 60TH ST & YORK AVE

MANHATTAN, NY

Spill Number: 9914019**Close Date: 08/08/2003**
TT-Id: 520A-0091-091

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1114 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: E 60TH ST / YORK AVE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE
 Notifier Type: Citizen
 Caller Name: REFUSED
 DEC Investigator: SMSANGES

Spiller: UNKNOWN
 Notifier Name: REFUSED
 Caller Agency: CITIZEN
 Contact for more spill info: REFUSED

Spiller Phone:
 Notifier Phone: (000) 000-0000
 Caller Phone: (000) 000-0000
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/13/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SEWER

Caller Remarks:

who ever is delivering the fuel to the tennis courts is spilling fuel into the street and the sewers, it is going on now

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
 FAXED TO NYCDEP- CALLED DEP HELP TERRY. CASE# 137563.

3/14/2000 – BOB GOULD, ATTORNEY CALLED, REFUSED TO LEAVE PHONE NUMBER, CALLING FOR TENANT, "ABE". MEN IN WHITE SUITS STEAM CLEANING STREET. SOURCE OF SPILL IS TENNIS COURTS, WEST SIDE OF STREET.

CALLED NYC DEP – KEITH WILLIAMS RESPONDED YESTERDAY, ISSUED COMMISSIONERS ORDER TO REMOVE SPEEDY DRY AND REMOVE STAINS FROM WALL, STREET AND SIDEWALK. WAS TANK OVERFILL OF 20-30 GALLONS.

SMM

Map Identification Number 181



VAULT #6577

E 60TH ST & YORK AV

MANHATTAN, NY

Spill Number: 0212598

Close Date: 05/23/2005

TT-Id: 520A-0090-117

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1114 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: E 60TH ST / YORK AV

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: KEVIN MCARDLE	Notifier Phone: (212) 580-6763
Caller Name: KEVIN MCARDLE	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: CESAWYER	Contact for more spill info: KEVIN MCARDLE	Contact Person Phone: (212) 580-6763

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/21/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

A CONTRACTOR WAS DIGGING A HOLE AT THE BOTTOM OF THE VAULT AND THERE IS FUEL OIL COMING OUT OF THE HOLE / CON ED SPILL #147620 – OIL BEING TESTED AT THIS TIME

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
Con Ed e2mis #147620:

On 3/21/03 at 11:35 J. Phelan # 06597 an inspector for constuction management reported that at 11:20 contractors that were working for Con-Ed reported to him a heavy odor & a sheen like oily substance in vault-6577. This structure is located at the north side of E. 60 St. 132' west of York Av. This is a new structure & is still under construction. He states that the substance smells like an oil or diesel fuel. he says that there is a hole in the bottom of the concrete structure that goes through to the soil this is where the substance is. The hole is there so that they could install a sump pump which is what they were going to do. He reports that there is 2 gallons of the oil like substance on top of 20 gallons of water. He will call chem lab to come out & take sample. The cleanup will be pending results.

8/13/03 liquid from the structrer was removed by Astoria and the hole was patched up. the liquid in the hole was non haz (lab seq. no. 03-02386).

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2127/04: Spill referred from Rodriguez to Sawyer to determine source, if possible.

**Map Identification Number 182****AMERICAN PORT SERVICES**

421 E 60TH ST

MANHATTAN, NY

**Spill Number: 9714515****Close Date: 10/19/2005**

TT-Id: 520A-0095-169

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1131 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Other

Caller Name: JIM PERONTO

DEC Investigator: GWHEITZM

Spiller: CHARLES KURTZ - AMERICAN PORT SERVICES

Notifier Name: JEFF RAPOSA

Caller Agency: TRC ENVIRONMENTAL

Contact for more spill info: CHARLES KURTZ

Spiller Phone: (201) 288-5218

Notifier Phone:

Caller Phone: (860) 298-6233

Contact Person Phone: (201) 288-5218

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/30/1998 |                     | UNKNOWN        | YES                     | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| JET FUEL         | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

**Caller Remarks:**

DURING TANK CLOSINGS, CONTAMINATED SOIL WAS FOUND. INVESTIGATION IS ONGOING. THE CALLER IS REQ'ING CONTACT FROM DEC.

**DEC Investigator Remarks:**

6/13/05 Heitzman:

From the PBS file for this property (2-032409):

"9/5/2002 - Building was pulled down a couple years ago. 421 E 60 street was absorbed into a large property now called 420 E 61 street. There will be a new 5,000 gal tank for this large property under a new PBS number. jz"

6/15/05 Heitzman: Called Jim Peronto, TRC (caller), left message.

10/19/05 Heitzman: An April 1998 closure report documents the tank closure and soil removal. Based on a request from Sigona, a groundwater investigation was performed. November 9, 1999 Groundwater Sampling Report indicates no impacts to groundwater. Spill closed.

**Map Identification Number 183****PIPELINE**

420 EAST 61ST STREET

NEW YORK, NY

**Spill Number: 0710807****Close Date: 01/14/2008**

TT-Id: 520A-0211-188

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1131 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name:

DEC Investigator: jbvought

Spiller: UNKNOWN

Notifier Name:

Caller Agency:

Contact for more spill info: SHARON LIEBER

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (917) 282-8309

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/11/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled                   | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN NON-PETRO/NON-HAZ MATERIAL | OTHER          | 0                | GALLONS | 0                  | GALLONS | SURFACE WATER        |

## Caller Remarks:

caller is reporting that a brown liquid substance is going into the east river from a pipeline

## DEC Investigator Remarks:

01/14/08-Vought-Off hours responder. Spill to east river and non-recoverable spill. DEC Rahman called and left message with DEP to return call. Spill closed due to no further reports and also due to currents and large assimilative capacity of receptor (NY Bay) as per DER-10 and approval from DEC Rahman.

**Map Identification Number 184****VACANT LOT**

420 EAST 61ST STREET

MANHATTAN, NY

**Spill Number: 0606853****Close Date: 02/07/2011**

TT-Id: 520A-0090-333

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1131 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE



Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: RVKETANI

Spiller: MICHEAL BURKE – VACANT LOT  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: MICHEAL BURKE

Spiller Phone: (212) 479-5413  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (212) 479-5413

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/14/2006 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |
| GASOLINE         | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

#### Caller Remarks:

VACANT LOT WHILE REMOVING TANKS FOUND CONTAMINATED SOIL;

#### DEC Investigator Remarks:

Sangesland spoke to Michael Burke of Langan Engineering.

They were pulling tanks out of a vacant lot that once housed a car dealership. During the excavation process they found a series of gasoline USTs within a concrete vault. Vault was built directly on the bedrock. Apparently some gasoline left the vault over time and impacted the soil next to the vault.

Langan has excavated the impacted soil (now staged and ready for removal). Endpoint samples (sidewall) have been taken (no bottom sample/bedrock).

Disposal manifest/sample results/closure report will be sent to DEC.

\*\*\*\*\* Related Spill\*\*\*\*\* # 0606975 \*\*\*\*\*

This second spill number relates to a different location on the same property.

There is evidence of a hydraulic oil spill from the former hydraulic lifts. Once again the site is being excavated and endpoint samples will be taken. Results for this spill will also be included in the closure report being prepared for this site.

10/05/06–Vought–Received call and spoke to Burke (Langan). Burke will be preparing report. One endpoint sample showed SVOC's by hydraulic area. VOC's were non-detect for gasoline area. No dispenser island or remote fills. All piping was removed site.

Site will be high-rise and excavation will occur for development. Tanks were never registered and PBS registration was sent in.

Six test pits were performed. 80 yards of soil were removed. Vought inquired about extent of excavation for new building (whether excavation would include locations of possible dispenser islands and/or remote fills). Burke will return call to DEC.

10/11/06–Vought–Spoke to Burke after he left numerous messages for DEC and endpoint samples were clean for VOCs and SVOCs.

Contaminated soil was discovered in southern of site (not known before), however no USTs were found. Clean endpoints from hydraulic location. Excavation was dug to south and west and gasoline and may be entering from westside of site. Whole site will be excavated to bedrock.

11/7/06–Vought–Site visit by Vought on 10/13/06 with Langan Burke and George Rukaj (Solow Management Corporation 212–829–0600). Air monitoring in progress with PID and vapor suppression being achieved via use of EcoSorb misting due to odor complaints from adjacent building. Note that owners of adjacent building are also owners of this construction site (Solow Management). Site formerly contained eight (550–gallon) gasoline USTs, one (550–gallon) waste oil, one (1000–gallon) fuel oil, five hydraulic tanks. Two additional USTs were found at time of site visit. Site was formerly a parking garage. Discovered tanks will be removed and pumped dry. MTA ventilation shaft immediately adjacent to contaminated soil undersidewalk so delineation to the south is not possible. Site will be excavated to bedrock for construction of residential building. DEC requires: 1)collection of soil sidewall samples and one bottom groundwater sample. Approximately 20 endpoint soil samples were collected. Also received a copy of the following:

UST Closure Report (Langan Burke)–9/1/06. "We are pleased to present this workplan for the decommissioning and closure of underground storage tanks (USTs) and remediation of petroleum impacted soil...". "Proposed improvements at the Site include construction of residential building by Solow Realty and Development Company, LLC". Heavy petroleum odor was detected by Langan in southwestern and northeastern portions of site. "The source of impacted soil in the southwestern portion of the Site was identified to be five 25–gallon USTs used to store hydraulic fluid near the western property line. The source of petroleum impacted soil at the northeast corner was one 550–gallon fuel oil, one 1,500–gallon fuel oil, and eight 550–gallon gasoline USTs. "It is our understanding that the proposed construction scheme has a multi–level below grade parking structure up to about 30 ft below existing grade..." A health club and pool will also be present in the below grade site. Work plan includes removal of USTs and "remediation of UST–related impacts to the soil and vicinity...", collection of endpoint samples, excavation of contaminated soil to bedrock, "Langan will undertake necessary soil sampling to fully delineate the areas of petroleum contamination". Work will be limited adjacent to MTA structures to avoid structural damage. Sample collection and analysis procedures also included in report. DEC requires: 1)collection of soil endpoint samples and one bottom groundwater sample via installation of bedrock well 2)installation of vapor barrier and possibly SSDS 3)PBS registration.

11/08/06–Vought–Called (Langan) for update prior to sending out letter and spoke to Burke. Contamination (stained soil) thinned out to the east but undermined area where clean bottom samples were collected. As such project is on hold until contractor decides whether to remove additional contaminated soil. Once soil is removed down to bedrock than a well will be installed into bedrock. PBS registration was sent in and a vapor barrier will be part of foundation plan.

11/15/06–Vought–Sent letter with DEC requirements: 1)endpoint samples including one soil sidewalls and bottom groundwater sample 2)installation of vapor barrier 3)submission of PBS registration 4)delineation of soil and groundwater contamination (if applicable). Vought sent letter with cc to Langan to:

George Rukaj  
Solow Management Corporation  
One Sutton Place North  
420 East 61st Street  
New York, NY 10021  
Phone: (212)829–0600  
Fax: (212)829–0165

12/15/06-Vought-Received email from Langan (Burke) to resend letter to following address:

Mr. Robert Mawhirt  
Solow Realty and Development Company, LLC  
9 West 57th Street  
New York, NY 10019

Vought sent letter and faxed copy to Burke.

03/21/07-Vought-Review of Draft Spill Closure Work Plan (Langan-Burke-212-479-5400)-3/12/07. Removal of nine (550-gallon) gasoline USTs, two (550-gallon) waste oil USTs, one (1000-gallon) No. 4 fuel oil UST and five 25-gallon hydraulic fluid USTs. "Petroleum impacted soil covering the southern portion of the site was excavated to the top of bedrock". A total of 3938 tons of soil was removed from the site. Groundwater was not encountered at the site. Bottom endpoint samples not collected because excavation extended to the top of bedrock". "The excavation area was backfilled both with uncontaminated soil from the site and imported recycled concrete aggregate". Proposal includes excavation of remaining contaminated soil from the site (roughly 1500 cubic yards), implementation of odor and dust suppression techniques, implementation of a CAMP and collection of endpoint samples, collection of one bedrock groundwater sample from the area of highest contamination and installation of one bedrock monitoring well "more than 30 feet north of the southern property line at 60th Street so as not to interfere with the TA subway structures" in the area of highest soil contamination. Langan will prepare a spill closure report including site plan, summary of cleanup activities, endpoint sample analyticals, vapor barrier design. "After the vapor barrier is installed a supplemental report will be submitted to the NYSDEC to document the barrier's proper installation within the new structure". Called Burke and one additional well will be installed in northeast corner in overburden. Drilling expected to begin tomorrow as consultant is eager to begin construction.

DEC requires: 1)documentation of parking structure HVAC as alternative to SSDS.

Vought sent out letter approving plan pending inclusion of above requirement.

4/4/07-Vought-Received message from Burke and returned call and left message to return call. Vought received call and spoke to Burke and well was installed as per workplan and five feet of soil on top of rock with groundwater and cleanwater. Additional well will be installed downgradient. Upon remediation three wells will be installed, one bedrock and two overburden. Contractor being selected for further excavation and excavation tentatively scheduled for early May.

05/16/07-Vought-Received word from DEC Chawla that Langan submitted BCP application and he is currently reviewing it. Preliminary review of data by Chawla shows that site may not be eligible. He will refer application to DEC Albany for review.

06/01/07-Vought-Received call from DEC Deborah Maloney inquiring as to current BCP manager. Current BCP project manager is Chris Milack.

06/21/07-Vought-Received call from and spoke with Langan (Burke) and site is under BCP application and is being reviewed by Milack. Burke proposed installation of one groundwater monitoring well. Portion of site not eligible for BCP and may be eligible depending on groundwater investigation results. Boring will be installed in south portion of site where excavation has occurred to bedrock. Quick status summary will be submitted by 7/2/07.

06/28/07–Vought–Received email on 6/15 from DEC Cozzy inquiring as the following:1)Is soil excavation ongoing? 2)Is the spill cleanup on hold pending the BCP eligibility? 3)Are you still pushing them to do the cleanup and does it have a schedule? 4)Is the building construction continuing or is it being held up due to the contamination? Vought sent email response.

08/03/07–Vought–Received call from and spoke to Burke and wells were sampled and groundwater has low level VOCs and DEC will receive summary letter in a couple of days). DEP is reviewing data due to CEQR and may also require vapor barrier. Final spill closure plan will be submitted to DEC and remediation (additional soil excavation in north portion of site scheduled to begin by September.

08/09/07–Vought–Received call from Murry Winter (NYCDEP 718–595–4514 fax 718–595–4479). As per Winter, DEP asked for Phase II sampling. Langan denied Phase II sampling as they will be performing soil excavation. They submitted spill closure request to DEP. Current plan increases scope of work for excavation. DEP wishes to defer to DEC and Vought approved deferral of issue to DEC.

08/22/07–Vought–Received call from and spoke to Burke who requested DEC approval of ammended RAP submitted to DEC. Site will be developed with either five story doctors office with underground garage or 37 story mixed use residential building with below grade parking garage. Swimming pool and health club will also be present in basement of building. Work plan calls for excavation of petroleum contaminated soil to bedrock which is 5 to 27 feet below grade. Contaminated soil will be covered with plastic if stockpiled to prevent odors to surrounding neighborhood. CAMP will be implemented including odor and dust supression techniques. Sidewall samples will be collected however no bottom samples will be collected due to excavation to bedrock. Plan calls for installation of two monitoring wells (one shallow well near the northeast corner of the site and bedrock well will be installed 30' north of the southern property line at 60th Street. Plan also calls for installation of a vapor barrier and submission of a Spill Closure Report. Vought sent approval letter for plan with cc to NYCDEP.

09/26/07–Vought–Received call from and spoke to Burke. Groundwater samples were collected and were below TOGs 1.1. Two rounds of samples collected from three wells, all below TOGs. Burke will submit letter request to decomission wells. Samples were collected on 7/11 and 9/4. Burke will send in groundwater analyticals for DEC review.

10/4/07–Vought–Received call from and spoke to Burke and approved decomissioning of onsite monitoring wells due to all below TOGs and construction will occur over well locations.

1/24/08–Vought–Received call from Burke and excavation beginning and contaminated soil noted, CAMP stations set up and all is good so far. Excavation to bedrock.

04/18/08–Vought–Received call from and spoke to Burke and free product noted and fingerprint sample collected. Contamination is below UST vaults and source may be offsite. Free product in southwest corner of site. New building will be connected to building next door and areas between building will be excavated to bedrock. CAMP data showed that contractor ran out of odor suppressant and had exceedence for 48 minutes but no complaints received to date. Free product above water table and will removed with associated soil.

05/19/08–Vought–Received call from and spoke to Burke and soil contamination noted heaviest to the adjacent property to the west. Connecting tunnel will be installed between both buildings and he is looking to complete soil excavation within the next couple of weeks. Vought will review Rap for 1113 York and close if appropriate spill and new spill will be opened on source property to

the west.

07/17/08–Vought–Received email from Burke on 7/15/08 that proposed collection of groundwater sample from northwest corner of property. No collection from onsite monitoring well as entire site is excavated to bedrock and will be replaced with building foundation. DEC requires: 1) installation of waterproof membrane 2) confirmation that no soil remains onsite 3) new spill opened to west property. Vought spoke to Burke and first floor will be ventilated garage and waterproofing membrane will be installed. Entire site excavated to bedrock except for northeast corner. Both properties are on same lot and excavation on western portion will begin next week and a report will be submitted within approximately one month and contaminated soil still remains on western portion of lot and depth to bedrock is 2–3'. Waterproofing membrane report will be submitted under separate cover. Vought sent email to Burke approving of collection of groundwater sample from northwest portion of site. Vought reviewed:

Post Remediation Groundwater Sampling Results (Langan–Burke) dated 10/1/07 and received on 10/2/07. Groundwater sample collection from three bedrock monitoring wells. Endpoint soil samples collected from sidewalls and not bottom due to presence of bedrock. Monitoring wells were installed 2.5–5' into bedrock. Groundwater analyticals show: 11.6ppb 1,2,4–trimethylbenzene(MW1), 6.2ppb 1,3,5–trimethylbenzene(MW1), 7.1ppb ethylbenzene(MW1), 10.2ppb xylene(MW1), 5ppb isopropylbenzene(MW1), 5.2ppb sec–butylbenzene(MW1). Report concludes "source removal is complete and DO concentrations are favorable for natural attenuation, therefore, residual levels of VOC contamination will attenuate over time". Spill closure report will be submitted to DEC upon completion of site remediation. Wells will be decommissioned as per DEC guidance.

07/18/08–Vought–DEC requires: 1) Results of excavation of western portion 2) Waterproofing membrane report submission.

10/31/08–Vought–Received email from DEC Cozy that developer previously applied to BCP in 2007 and General Counsel requiring status of site. Vought called DEC Burke for status of construction on the site and developer stopped paying contractors and contractors just received payment. Few days of excavation left for ramp. 75% of foundation poured. Remediation of some petroleum contaminated soil mixed in with ramp will occur when ramp is excavated and rest of site (entire site) will be excavated to bedrock including ramp location. Developer hired waterproofing consultant and description will be put in final report to be submitted to DEC. Only work that remains is excavation of ramp to bedrock and submission of report to DEC including description of waterproofing membrane and excavation of entire site including ramp area to bedrock. Vought sent email reply to DEC Cozy with copy of UIS notes.

8/6/10 – Raphael Ketani. I received the case from Jeff Vought who transferred to Unit A of Region 2 DER.

I spoke to Michael Burke (212) 479–5400 of Langan. He said that everything has been dug out and that the closure report is ready. He said that it covers the excavation results for the western portion of the site and describes the waterproofing membrane report. Mr. Burke said that DEC will receive it soon.

11/22/10 – Raphael Ketani. I tried to contact Mr. Burke regarding receipt of the closure report, but I could only leave a message.

11/23/10 – Raphael Ketani. I spoke to Mr. Burke. He said that they excavated to bedrock and cleaned the top of the bedrock. No contamination was seen. The owner is not going to build his apartment building yet, but will build a parking garage soon, instead. He said that the closure report has been written. He just has to proof read it. He said that he will get it to me by December 10.

12/14/10 – Raphael Ketani. I spoke to Mr. Burke. He said that the report was completed a year ago, but was not submitted because

Langan was owed a lot of money. The money has been paid. However, Mr. Burke stated that he hasn't been in communication with his client. The client gave the report to his lawyer for review. Mr. Burke stated that he will contact his client today and see where the review stands. I told him to get the report to the DEC as soon as possible.

2/7/11 – Raphael Ketani. I received the closure report dated February 4, 2011 from Langan Engineering for the property at 1113 York Avenue (aka 420 East 61st Street). I reviewed the closure report. Some PAH analytes were discovered in the soil, but they have concentrations that are characteristic of historical fill and not oil contamination. The groundwater results showed that there was minimal contamination. The data in the report suggested that all of the gross contamination had been removed.

Judging from the data in the closure report, I have determined that there is no threat to the public or the environment. Therefore, I am closing the spill case.

**Map Identification Number 185 407 EAST 61ST ST/CARRIAGE**


407 EAST 61ST ST

NEW YORK CITY, NY

**Spill Number: 8801925**
**Close Date: 06/15/1988**

TT-Id: 520A-0095-164

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1151 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Affected Persons

Caller Name: ANGEL RODRIQUEZ

DEC Investigator: TOMASELLO

Spiller: CARRIAGE HEALTH COMPANY

Notifier Name:

Caller Agency: EPA

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (201) 906-6199

Contact Person Phone:

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 05/26/1988       | 06/15/1988          | UNKNOWN        | UNKNOWN                 |         | NO                  |         |                      |
| Material Spilled | Material Class      |                | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| GASOLINE         | PETROLEUM           |                | -1.00                   | UNKNOWN | 0.00                | UNKNOWN | AIR                  |

Caller Remarks:

PEOPLE GETTING SICK FROM ODOR, WILL POSSIBLY VENT FUEL TANKS, NO ACTION HAS BEEN TAKEN AS YET BY EPA.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 186****MANHOLE 59546**

EAST 64TH ST AND 1ST AVE

MANHATTAN, NY

**Spill Number: 1103096****Close Date: 08/11/2011**

TT-Id: 520A-0263-302

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1161 feet to the W

## ADDRESS CHANGE INFORMATION

Revised street: EAST 64TH ST / 1ST AVE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: RWAUSTIN

Spiller: ERT - CONEDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/18/2011 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 5.00             | GALLONS | 0.00               | GALLONS |                      |

## Caller Remarks:

105 gallons of oil on top of 1885 gallons of water. Contained to manhole. Clean up pending sample test results. \*\*Update\*\* 0405  
Correction to the amount of oil: was 105 gal. should be 5 gal.

## DEC Investigator Remarks:

8/11/11 - Austin - 5 gals. of oil leaked from sleeve in vault onto 1885 gals. of water - Con Ed contained and cleaned up the spill - See documents in eDocs for additional information - Spill closed - end

**Map Identification Number 187****MH 12101**

EAST 64TH ST/1ST AVE

MANHATTAN, NY

**Spill Number: 0202299****Close Date: 06/03/2002**

TT-Id: 520A-0095-186

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1161 feet to the W

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

|                                 |                                            |                                      |
|---------------------------------|--------------------------------------------|--------------------------------------|
| Source of Spill: UNKNOWN        | Spiller: UNKNOWN                           | Spiller Phone:                       |
| Notifier Type: Affected Persons | Notifier Name: PELLIGRINO                  | Notifier Phone:                      |
| Caller Name: MARK SCHLAGEL      | Caller Agency: CON EDISON                  | Caller Phone: (212) 580-6763         |
| DEC Investigator: JHOCONNE      | Contact for more spill info: MARK SCHLAGEL | Contact Person Phone: (212) 580-6765 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/03/2002 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 10.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

ref # 143144 samples taken clean up pending. poss from the spill at teh east 63rd st sub station cr 0202268.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
Con Ed em2is #143144:

Jimmy Wilson #63304, Operating Supervisor, reported at 12:34 hrs. that he found at 12:00 hrs. approx. 10 gallons of unknown oil and approx. 100 gal water in manhole M12101 located in front of 320 East 64th Street between 1st & 2nd Avenue. This manhole is located on E 64th St. in front of the driveway of the entrance to the East 63rd Street Substation. Mr. Wilson and an underground crew responded to a request by the Manhattan Environmental Desk to inspect the manhole due to spill from the East 63rd Street Substation. The possible source and cause of the spill is from an incident at East 63rd St. S/S. See Incident #143131 – Worksite is E 63rd Street Substation. Briefly the deluge system activated in transformer vault #5 flooding the moat around the transformer. The moat had oil in it. When the moat overflowed, oil and water spilled through the transformer louvers and down the station driveway into the street. The unknown oil & water is from this spill or possibly from another source. No private affected due to the spill discovered in the manhole. The oil was found on top of the water in the concrete manhole. There was no fire or smoke involved. There was release to the sewer from the substation spill but there is no evidence of release to sewer or waterway from the spill discovered in the manhole. There was no injuries related to the spill and no weather conditions contributed to the hazards of the spill. There is primary & secondary cables in the manhole. There is standing water but no visual movement. There is no sump pump and no substantial cracks. A sewer connection & concrete sump cannot be verified at this time. Spill tag #S00852 was installed. Samples will be taken from the spill for PCB and Oil ID by the Chem Lab. No initial cleanup action taken. Cleanup is pending test results and vendor.



**Map Identification Number 188**

64TH ST / 1ST AV

MANHATTAN, NY

**Spill Number: 0012536****Close Date: 02/26/2001**

TT-Id: 520A-0095-187

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1161 feet to the W

## ADDRESS CHANGE INFORMATION

Revised street: EAST 64TH ST/1ST AVE

Revised zip code: 10021

Source of Spill: UNKNOWN  
 Notifier Type: Fire Department  
 Caller Name: FF GIORDANO  
 DEC Investigator: MCTIBBE

Spiller:  
 Notifier Name: MANHATTAN DISPATCH  
 Caller Agency: FDNY HAZMAT #1  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (917) 769-0483  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/23/2001 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIESEL           | PETROLEUM      | 15.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

HAZMAT RESPONDING – SPILL SUPPOSED TO BE CONTAINED – MARK TIBBE ADVISED

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"  
 CALLED FDNY AT 0448. RUPTURED LINE ON TRUCK BETWEEN TWO SADDLE TANKS. TRUCK TRAVELED OVER QUEENSBORO BRIDGE. FDNY DIKED AND WILL PICK UP PUDDLE. COUPLE OF GALLONS IN SEWER. HANDLED BY FDNY AND DEP.

**Map Identification Number 189**

525 E. 72ND ST

MANHATTAN, NY

**Spill Number: 0308987****Close Date: 11/24/2003**

TT-Id: 520A-0091-470

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1164 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
 Notifier Type: Fire Department  
 Caller Name: FIREMAN DIXON  
 DEC Investigator: JMKRIMGO

Spiller:  
 Notifier Name: MANHATTAN DISPATCH  
 Caller Agency: NYFD HAZ MAT 1  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (917) 769-0483  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/23/2003 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 20.00            | GALLONS | 0.00               | GALLONS | SEWER                |

#### Caller Remarks:

fire dept on scene – it appears unk cleaning products are in sewer and giving off a chemical odor –

callback at 22:32 ferroclean is the product – pumped through the

hvac system –approx 60 gal has leaked from system in to sewer

pete cachia – nyc dept. of emerg. managment –building is being voluntary evacuated from 12 floor down – 718-422-8700

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "KRIMGOLD"  
 11/23/03. 23:00. J.Krimgold @ site. FDNY, OEM and DEP responded to the spill. About 500 gal of "Ferroclean" (a cleaning chemical commonly used to remove rust from HVAC system) was pumped into the buildings HVAC system this afternoon. Apparently one of the utility pipes let go in the area of 12th floor and ~200 gal of liquid escaped the system between walls and find its way to apartments. According to MSDS this chemical consists of 90% of a weak organic acid and organic salts. Fumes could irritate eyes and throat. However, its not considered life threatening in concentrations presented in "Ferroclean". However, some tenants voluntarily vacated apartments and were placed in provided by Red Cross buses. Building management took responsibility and dispatched a crew of their janitors and maintenance people, equipped with appropriate protective gear, to perform initial containment and cleanup. At 00:30 fumes throughout building gradually diminished since initial release and FDNY allowed tenants return to their apartments. NYC DEP Haz-Mat Unit collected samples and will follow up the next day with final recommendation.

**Map Identification Number 190** **400 E 62ND ST & 1ST AVE**  
 400 E 62ND ST & 1ST AVE

NEW YORK CITY, NY

**Spill Number: 8903472****Close Date: 11/21/1994**  
TT-Id: 520A-0095-165

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1178 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: 400 E 62ND ST

Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION

Notifier Type: Other

Caller Name: ROBERT CARDINALE

DEC Investigator: SULLIVAN

Spiller: MOBIL SERV STATION

Notifier Name:

Caller Agency: SOIL MECHANICS

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (516) 221-2333

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/12/1989 | 11/21/1994          | OTHER          | UNKNOWN                 | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| GASOLINE         | PETROLEUM      | -1.00            | UNKNOWN | 0.00               | UNKNOWN | SOIL                 |

## Caller Remarks:

SOIL MECHANICS INC, ENVIRONMENTAL CONSULTANTS DID TEST BORINGS & SOIL SAMPLES, FIELD & LAB TESTS INDICATE EXISTANCE OF BENZENE, TOLUENE, ETHYL BENZENE, XYLENE & TPH .

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 191** **-NYCT**  
 63RD ST/1ST AVE

MANHATTAN, NY

**Spill Number: 0307365****Close Date: 09/01/2005**  
TT-Id: 520A-0099-031

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1185 feet to the W

## ADDRESS CHANGE INFORMATION

Revised street: 1ST AVE / E 63RD ST

Revised zip code: NO CHANGE

|                               |                                               |                                      |
|-------------------------------|-----------------------------------------------|--------------------------------------|
| Source of Spill: UNKNOWN      | Spiller: UNKNOWN                              | Spiller Phone:                       |
| Notifier Type: Other          | Notifier Name: SAME                           | Notifier Phone:                      |
| Caller Name: SIRISH MUFTHYALA | Caller Agency: METCALF & EDDIE                | Caller Phone: (908) 437-7089         |
| DEC Investigator: MCTIBBE     | Contact for more spill info: SIRISH MUFTHYALA | Contact Person Phone: (908) 437-7089 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 10/13/2003 |                     | UNKNOWN        | NO                      | NO                  |

|                   |                |                  |         |                    |         |                      |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

Caller Remarks:

TESTING BEING DONE AT ABOVE LOCATION REVEAL SOIL CONTAMINATION. FURTHER TESTING TO BE PERFORMED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"

09/01/05: Elevated PID reading discovered in a boring being performed as part of the 2nd Avenue Subway Project. Corresponding soil showed only a minor hit of an SVOC constituents.

**Map Identification Number 192**



**IFO DRY CLEANING BUSINESS**

SW CORNER OF 63RD ST & 1ST

MANHATTAN, NY

**Spill Number: 0011677**

**Close Date: 05/27/2003**

TT-Id: 520A-0095-185

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1185 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 1ST AVE / E 63RD ST

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Citizen  
 Caller Name: PETER BUETTNER  
 DEC Investigator: SMSANGES

Spiller: UNKNOWN – UNKNOWN  
 Notifier Name: PETER BUETTNER  
 Caller Agency: CITIZEN  
 Contact for more spill info: UNK

Spiller Phone:  
 Notifier Phone: (212) 225-2196  
 Caller Phone: (212) 225-2196  
 Contact Person Phone: (000) 000-0000

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/29/2001 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SEWER                |

Caller Remarks:

CALLER STATES HE NOTICED A SHEEN ON THE STREET IFO DRY CLEANERS–  
BELIEVES SOME OF THE MATERIAL MAY HAVE GONE INTO SEWER–UNKNOWN  
WHERE IT CAME FROM.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"  
administrative closure

**Map Identification Number 193**



**MERCURY FOUND IN TRENCH**  
EAST 60 ST STEAM GEN STATION

MANHATTAN, NY

**Spill Number: 0800802**

**Close Date: 04/25/2012**  
TT-Id: 520A-0218-143

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (2)  
Approximate distance from property: 1216 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 60 EAST ST  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: JMOCONNE

Spiller: CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERTSDESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill     | Meets Cleanup Standards |        | Penalty Recommended |        |                      |
|------------------|---------------------|--------------------|-------------------------|--------|---------------------|--------|----------------------|
| 04/19/2008       |                     | UNKNOWN            | NO                      |        | NO                  |        |                      |
| Material Spilled |                     | Material Class     | Quantity Spilled        | Units  | Quantity Recovered  | Units  | Resource(s) Affected |
| MERCURY          |                     | HAZARDOUS MATERIAL | 0                       | POUNDS | 4                   | POUNDS | SOIL                 |

Caller Remarks:

clean up in process. Concrete trench has contained the spill. NRC has been notified. No to all five questions. Ref # 210949.

DEC Investigator Remarks:

10/20/08 – See eDocs for Con Ed report detailing cleanup and closure.

210949. see eDocs

Selvin Southwell concerned that mercury may be discharged through oil/water separator.

EPA Method 245.7 is new method for trace mercury, with detection limit of 5 ng/L. Breen.

5/2/08: Spoke with Con Ed Remediation Group Section Manager (Barry Cohen). He told me that cleanup of this incident was scheduled for this weekend. I told him that this was the first time i was hearing about this incident, and I requested that he prepare a summary of the facts of the incident, along with a proposal for remediation.

Later in the day on 5/2, Con Ed (B. Cohen) sent e-mail:

"As you requested during our meeting this morning, I am providing you with summary information concerning (1) the mercury spill that Con Edison reported to the DEC on April 19, 2008, (2) actions Con Edison has taken to address this spill, (3) Con Edison's plans to perform additional cleanup this weekend, (4) Con Edison's proposed soil cleanup objectives (SCOs), and (5) Con Edison's post-excavation soil sampling plan to confirm that those are achieved. Please review this information, consult with other DEC staff as needed, and inform me as soon as possible whether the DEC agrees with our proposed SCOs. If the DEC disagrees with our proposed SCOs, please inform me as soon as possible of the SCOs that the DEC believes are appropriate. We would appreciate a response to the SCO issue ASAP, since we will be performing additional cleanup and taking post-excavation samples this weekend. Thanks in advance for your prompt attention to this matter. We appreciate that you will bring this to the right people at the DEC for a decision, even though this spill was not assigned to you and, until today, you were not aware of it.

"1. Mercury Spill (DEC Spill No. 0800802)

As part of Con Edison's floor trench investigation at its generating stations, the Company took water and sediment samples in late March for waste characterization purposes at the Company's E. 60th Street Steam Generating plant, which is located at 514 East 60th Street, between E. 59th St. on the south, E. 60th St. on the north, York Avenue on the west, and the FDR Drive on the

east. The East River is located directly east of the FDR Drive. The sample results indicated the presence of mercury in the trench sediment. Based on those results, the Company took water samples at various locations in the trench, at the oil/water separator used to treat floor drainage, and at SPDES Outfall 001. Mercury was found in various water samples. Based on these findings, Con Edison submitted a "Report of Noncompliance Event" to the DEC on April 21. That report, a copy of which is attached, provides additional details of these initial findings.

> [NOTE – See eDocs]

"On April 19, after power washing of the trenches was completed, Con Edison performed a trench system inspection, which consisted of visual observations and the use of a direct reading instrument for mercury in air. The inspection revealed the presence of a small number of mercury beads in the west trench. After additional water was removed from the trenches, more mercury beads were discovered. During cleanup using a HEPA vacuum, additional mercury beads appeared from under the concrete skin coat in the trench bottom. This skim coat was partially removed to facilitate further cleanup of the free mercury. Cleanup continued, and it was estimated that as of April 19 an estimated three pounds of mercury have been removed. Based on the findings of mercury, Con Edison notified the DEC, the NYCDEP and the National response Center. The DEC assigned number 0800802 to this spill.

"The specific cause of the mercury contamination is unknown at this time. Con Edison conducted a review of past and present mercury containing equipment at the Station to determine possible sources of the mercury contamination found in the trench system. We identified mercury containing switches, thermometers, flow recorders and transmitters, and manometers, which were installed at the Station in the 1970s. Much of this equipment has been removed. Although it is difficult to determine the exact source of the mercury contamination, we believe the sources were probably the flow devices and manometers. However, there is no way to confirm that suspicion.

"A figure showing the Station and floor trench layout, mercury vapor and sediment (referred to as "sludge" in the figure) sample locations and mercury vapor and sediment results, and mercury equipment locations is attached. Note that north is toward the bottom of the figure and the East River is to the left of this figure.

> [NOTE – See eDocs]

#### "2. Additional Actions Con Edison Has taken to Address the Mercury Spill

After the spill was reported on April 19, cleanup activities continued until April 22, at which time it was determined that the boiler neutralization system piping had to be removed in order to effectively uncover trapped mercury. On April 26, the piping and the remaining thin concrete skim coat were removed from the trenches, after which cleanup continued. To date, an estimated 3.5 pounds of mercury have been recovered.

"After this phase of the cleanup was completed, contact readings with a Jerome Analyzer (an instrument that provided direct readings of mercury in air) still indicated the presence of mercury in the east-west trench and the trench behind the waste neutralization tank. See the attachment in Section 1 above for vapor and sediment sample locations and results.

#### "3. Con Edison's Plans to Perform Additional Cleanup this Weekend

Cleanup activities will resume this weekend. This cleanup will consist of chipping away the impacted concrete-lined trenches and removing underlying impacted soil beneath the trenches for subsequent off-site disposal at a properly licensed commercial facility. Visual observation and Jerome Analyzer readings will be used to guide the extent of cleanup prior to taking post-excavation confirmatory soil

samples. A schematic of the trench system is attached. In this schematic, the heavy gray line shows the impacted trench areas. Note that the primary affected trench area (~40 ft. long) runs in an east–west direction and that north is toward the left side of this figure. Although the title of the figure refers to trench system sample locations, such sample locations have been removed from the figure for clarity; sample locations are shown in the second figure attached in Section 1 above.  
> [NOTE – See eDocs]

"4. Con Edison's Proposed Soil Cleanup Objectives (SCOs)

Con Edison has identified mercury, cadmium and PCBs as potential substances/chemicals of concern for this cleanup, due to the obvious presence of mercury, the presence of cadmium in a TCLP result (much lower than the hazardous waste threshold) for one of the trench sediment samples, and the presence of low levels (0.1 ppb) of water in two trench water samples. We propose the following soil cleanup objectives for these substances/chemicals:

a. Mercury – 5.7 ppm. Basis: Industrial use SCO specified in 6 NYCRR Part 375–6.8(b).

b. Cadmium – 60 ppm. Basis: Industrial use SCO specified in 6 NYCRR Part 375–6.8(b).

c. PCBs – 25 ppm. Basis: Industrial use SCO specified in 6 NYCRR Part 375–6.8(b), which is consistent with the USEPA SCO for low occupancy areas specified in 40 CFR 761.61(a)(4)(i)(B).

"In the unlikely event petroleum contamination is observed by visual/olfactory means, that finding would be reported, post–excavation sampling would be performed for chemicals identified in the table of fuel oil constituents included with the DEC's 12/20/00

"Determination of Soil Cleanup Levels" memorandum that consolidated TAGM 4046 and STARS #1 guidance documents, and the results compared to the industrial use SCOs specified in 6 NYCRR Part 375–6.8(b).

"5. Con Edison's Post–Excav

4/25/12 – see edocs for file information; spill closed effective today (JOC)

5/17/12 – modified language in regional use field; changed 17–1743 radio to no (it was 'notification made' which was not the case; this did not meet 17–1743 requirement for storage in bulk, and no such notification had been made). (JOC)

**Map Identification Number 194**



**SERVICE BOX 13323**

522 E. 73RD ST

MANHATTAN, NY

**Spill Number: 0305342**

**Close Date: 09/22/2003**

TT–Id: 520A–0091–446

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1219 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE



Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: PAUL DIDONATO  
 DEC Investigator: AERODRIG

Spiller: UNKNOWN – UNKNOWN  
 Notifier Name: MR PIGANO  
 Caller Agency: CON EDISON  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/19/2003 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 6.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

#### Caller Remarks:

6 gal unk oil in service box – samples have been taken and clean up is pending clean up after secondary burn out are repaired in the

service box – con ed tag #18730

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"  
 E2MIS 149873

8/19 @ 20:07

This incident is being input at this time due to a computer outage due to a VIRUS affecting all systems.

At 18:15 F Simms # 66618 of Emergency reported to me that he discovered @ 18:05 approx 6 gallons of an unknown oil in SB-13323. There was no water in the structure. He was there for an Area-outage condition.

No sewer/waterways affected, no injuries, weather did not contribute, No private property was affected. The source and the cause are unknown. There is no sewer connection, no sumps and no substantail cracks observed.

Environmental tag # 18730 was hung. Three samples will be taken for PCB and ID and Flash point. The Chain of custody # CC 16387 will be used. Courier was called by Pagano @ 18:50 for sample pick-up. No cleanup action will be taken at this time due to Secondary burn-outs in the structure.

This incident does not meet the requistes of a 24-hour clean-up and will need to have the burn-out condition cleared before work can commence.

CIG was notified and spoke to P DiDonato # 01669 @ 18:29.

TOTAL PCB 1 ppm

8/20 @ 21:24

Cleanup scheduled for 23:00

Transportation noiified for "Under 50" tanker and faxed documentation UG notified and faxed documentation

Flush notified and faxed documentation

Logger R Pagano # 48703

8/21 @ 04:35

Spoke to M Demodna # 19654 and he informed me that the cleanup was completed as of 04:30 on 8/21. One(1) bag of PPE's were disposed of. 75 gallons of mixed liquid was removed. The structure was double-washed with "SLIX". The Environmental tag # 18730 was removed.

Crew....Padua # 82284....Brunner # 90216.

8/21 @ 05:01

Lab Sequence Number: 03-06824-001 Date Approved: 8/20/2003

E2 Incident Number: Date Received: 8/19/2003

Chain of Custody ID: CC16387 Date Sampled: 8/19/2003

Oil Identification Analysis by NYSDOH 310-13 (Hydrocarbon Scan)

MATRIX: WATER&OIL GRAB

LOCATION: 522 E.73 ST

STRUCTURE: SERVICE BOX 13323 FEEDER ID:

Analysis indicates the presence of a substance similar to a light fuel oil.

**Map Identification Number 195****ODOR IN EXCAVATION**

IN FRONT OF 413 EAST 72 STREET

MANHATTAN, NY

**Spill Number: 0708258****Close Date: 01/10/2008**

TT-Id: 520A-0211-229

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1224 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: gdbreen

Spiller: ERTSDESK - NOT CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERTSDESK

Spiller Phone: (212) 580-8383

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/29/2007 |                     | OTHER          | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

## Caller Remarks:

FOUND 6 OUNCES WHILE DIGGING: CLEAN UP PENDING TEST RESULTS. 208671

## DEC Investigator Remarks:

208671. see eDocs

1/10/08. closed. lab results showed substance to be asphalt. see eDocs.

**Map Identification Number 196**

400/402 EAST 72ND ST

MANHATTAN, NY

**Spill Number: 9807004****Close Date: 11/06/2003**

TT-Id: 520A-0099-222

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1232 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
 Notifier Type: Responsible Party  
 Caller Name: RICHARD ROACH  
 DEC Investigator: CAENGELH

Spiller: RICHARD ROACH – CON EDISON  
 Notifier Name: JOHN STALLONE  
 Caller Agency: CON EDISON  
 Contact for more spill info: RICHARD ROACH

Spiller Phone: (212) 580-6766  
 Notifier Phone: (212) 580-6766  
 Caller Phone: (212) 580-6766  
 Contact Person Phone: (212) 580-6766

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/08/1998 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SURFACE WATER        |

#### Caller Remarks:

EXCAVATION AT ABOVE ADDRESSES. THERE IS WATER IN THE EXCAVATION  
 HOLES AND THAT WATER HAS A "SHEEN" TO IT. WATER TO BE PUMPED  
 OUT AND FURTHER TESTING TO BE DONE. NO CALL BACK REQUESTED.

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
 E2MIS 119589

STEAM SUPERVISER G.LANG #51257 FOUND OIL SHEEN IN TWO EXCAVATIONS 8X10 EACH SHEEN IS ON EST. OF 3" OF WATER SAMPLES WILL BE  
 TAKEN BEFOR CLEAN UP WILL BE DONE ALL WATER IS COTAINED AND DID NOT ENTER ANY WATER WAYS OR SEWERS INPUTED BY J STALLONE 88437

Test reults returned 9/8/98.

All samples tested <1.0ppm

Initial cleanup on Sep 10 with flush truck.

Water continued to enter excavation.

Second cleanup which was a wet wipe of floors and walls, completed 9/15 14:00

**Map Identification Number 197** **1ST AVE & 62ND ST/MANH**  
 1ST AVE & 62ND STREET

NEW YORK CITY, NY

**Spill Number: 8908699****Close Date: 12/11/1989**  
TT-Id: 520A-0101-862

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1263 feet to the W

## ADDRESS CHANGE INFORMATION

Revised street: FIRST AVE / E 62ND STREET

Revised zip code: 10021

Source of Spill: GASOLINE STATION

Notifier Type: Federal Government

Caller Name: TOM TACCONE

DEC Investigator: SULLIVAN

Spiller: UNKNOWN

Notifier Name:

Caller Agency: EPA

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 264-1369

Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/04/1989 | 12/11/1989          | UNKNOWN        | UNKNOWN                 | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| GASOLINE         | PETROLEUM      | -1.00            | UNKNOWN | 0.00               | UNKNOWN | AIR                  |

## Caller Remarks:

VERY STRONG ODOR THROUGHOUT TWO WEEK EXCAVATION, DEC INVESTIGATED, NO ODOR IN AREA.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 198** **MANHOLE #53353**  
 E 62 ST/1ST AVE

MANHATTAN, NY

**Spill Number: 0804742****Close Date: 02/24/2012**  
TT-Id: 520A-0220-627

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1263 feet to the W

## ADDRESS CHANGE INFORMATION

Revised street: E 62ND ST / 1ST AVE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: RWAUSTIN

Spiller: CONED

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/25/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

Unknown oil 20oz. in a manhole. Spill is ongoing. Questions 1,2,4,5 no 3 yes. No Ref number.

DEC Investigator Remarks:

Austin – 2/24/12 – Actual amount of oil was two ounces, leaking from duct – Found to be "lubricating oil" but had 67 ppm PCB level – Con Ed contained and cleaned up the spill – See the documentation in the eDocs files for further details – Spill closed – end

**Map Identification Number 199** **EAST 60TH ST BETWEEN**  
 1ST AVE AND YORK

NY, NY

**Spill Number: 9907777**

**Close Date: 10/30/1999**  
 TT-Id: 520A-0101-864

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 1284 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: E 60TH ST BETW 1ST AVE / YORK AVE

Revised zip code: 10022

Source of Spill: UNKNOWN  
 Notifier Type: Fire Department  
 Caller Name: DISPT 366  
 DEC Investigator: COMENALE

Spiller: UNKNOWN AT THIS TIME  
 Notifier Name:  
 Caller Agency: NYC FIRE DEPT  
 Contact for more spill info: ABOVE

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 628-2900  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 09/27/1999       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| DIESEL           |                     | PETROLEUM      | 50.00                   | GALLONS | 0.00                | GALLONS | SEWER                |

## Caller Remarks:

called in for fuel spill under queensboro bridge. found about 50 gals diesel fuel , some of which has gone into sewer -- trying to contain spill now.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 200**  
 **1ST STREET/YORK AVE**  
 S SIDE E 60TH ST

MANHATTAN, NY

**Spill Number: 9513456**

**Close Date: 12/17/2004**  
 TT-Id: 520A-0101-865

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)  
 Approximate distance from property: 1284 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: E 60TH ST BETW 1ST AVE / YORK AVE  
 Revised zip code: 10022

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name: LISA PRIMEGGIA  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: PAUL CANTY EMPLOYEE  
 Caller Agency: CON ED  
 Contact for more spill info: PAUL CANTY

Spiller Phone:  
 Notifier Phone: (917) 360-0894  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (917) 360-0894

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 01/23/1996        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
|                   |                     |                |                         |         |                     |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 100.00                  | GALLONS | 100.00              | GALLONS | GROUNDWATER          |

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**Caller Remarks:**

asheen of oil is on 100 gallons of water in an excavation hole – possible run off from the roadway

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**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

1/24/96, 1550 hrs., Katz notes: Digging up oil-o-static feeder. Street excavated at this time. Subcontractor of Con Ed is doing work. City hired Con Ed, Con Ed hired sub.

12/17/04: Con Ed submitted copy of OIL, TOXIC OR HAZARDOUS SUBSTANCE (INCLUDING PCB'S AND ASBESTOS)SPILLS AND FIRES NOTIFICATION FORM" dated 1/24/96, which states: "TYPE OF SPILL/FIRE AND CAUSE: UNKNOWN TYPE OIL SHEEN FOUND ON TOP OF WATER IN AN EXCAVATION. RELOCATING AN OILOSTATIC FEEDER PIPE. THERE IS A FEEDER PIPE IN THE EXCAVATION. A CONTRACTOR IS DOING THIS WORK (CONTRACTOR:FELIX INDUSTRIES). THE CONTRACTOR WILL BE TAKING SAMPLES. THE ENV AFF REP. WESTERLIND REQUESTED THAT CON EDISON TAKE SAMPLES." There is no additional information is Con Ed or DEC files. Close out. (JHO)

**Map Identification Number 201****EXCAVATION SITE**

EAST 60TH ST BETWEEN 1ST AND YORK AVE

NEW YORK, NY

**Spill Number: 0913231****Close Date: 10/18/2010**

TT-Id: 520A-0248-663

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 1284 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: EAST 60TH ST BETWEEN 1ST / YORK AVE

Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: RWAUSTIN

Spiller:

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

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| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 03/17/2010       |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| ASBESTOS         | HAZARDOUS MATERIAL  | 2.00             | POUNDS                  | 0.00               | POUNDS              | AIR                  |



ASBESTOS HAZARDOUS MATERIAL 2.00 POUNDS 0.00 POUNDS SOIL, AIR

-----  
 Caller Remarks:

during excavation product was found; unknown source. Clean up pending

-----  
 DEC Investigator Remarks:

10/18/10 – Austin – Con Ed found 1 lb of asbestos containing material in soil – Con Ed contained and cleaned up the release – see eDocs documents for more information – closed – end

**Map Identification Number 202**



315 EAST 69TH SP APT. L-D

MANHATTAN, NY

**Spill Number: 0212523**

**Close Date: 04/01/2004**

TT-Id: 520A-0094-194

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1285 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 315 E 69TH ST

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Affected Persons

Caller Name: STEVE SEPLOW

DEC Investigator: SMSANGES

Spiller: OCRAM INC

Notifier Name: STEVE SEPLOW

Caller Agency: BUILDING MANAGER

Contact for more spill info: STEVE SEPLOW

Spiller Phone: (212) 472-6623

Notifier Phone: (212) 376-8600

Caller Phone: (212) 376-8600

Contact Person Phone: (212) 376-8600

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Unable or Unwilling RP – DEC Field Response – DEC Corrective Action Required

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/01/2002 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | AIR                  |

-----  
 Caller Remarks:

caller is the building manager of above address – he was receiving

complaints of an oil odor – his building cks ok – he went into the building next to his and can smell the same odor in the

adjoining building and believes it is coming from there – the superintendant of the effected building is gus 212 734-9636

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"

3/19/2003 – JZ/DO: Odor can be detected in lobby and garage. Building manager has checked their own tank is OK. DEC Sangesland has made an apointment for investigation.

3/21/2003 Sangesland inspected the site. Apt L-D is above the building's parking garage and shares a common wall with the building at 321 East 69th St. Sangesland could not smell anything. Inspected the garage area under this apartment and did not find any problems. Gained entry to 321 East 69th street and inspected their basement/tank area and the apartment sharing the common wall to Apt L-D of 315 East 69th St. Found no problems

Spill Closed.

Map Identification Number 203



VAULT 7161

409-15 EAST 60TH ST

MANHATTAN, NY

Spill Number: 9911227

Close Date: 02/23/2000

TT-Id: 520A-0095-167

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1285 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: RICHARD ROACH  
 DEC Investigator: CAENGELH

Spiller: UNKNOWN  
 Notifier Name: MR HEFFERNAN  
 Caller Agency: CON EDISON  
 Contact for more spill info: RICHARD ROACH

Spiller Phone:  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/23/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

Caller Remarks:

1 qt oil found on dirt in vault. clean up pending. con ed 129-378

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
CON ED

E2 MIS REPORT

12/23/99

1qt. of an unknown fluid mixed with dirt on the floor of the vault. Spill contained , no water in structure, sump pump not running, sewer connection verified as per plate # 32-L-1. A PCB sample was taken

Supervisor McGeever had checked the piping in this vault and discovered an oil residue. Oil had entered the waterway but the amount was undetermined at this time. He verified that at this time the oil had come from the transformer. An emergency tanker had been ordered and we will treat the spill as 50 to 500 ppm at this time. The area in front of the transformer has been cleaned up. A second sample of pure oil was taken from the transformer. (1) drum of debris generated pre-cleanup and to be transported to E 110 St. yard.

DEC INSPECTOR NOTES

12/23/99 4:00pm left message for Albert Gordo, DEP

Copy to DSHM

12/28/99 Spoke with Ed Rotdke- he get updated info and call me back.

12/29/99 Voice mail from Lou First (212) 338-4370

Transformer has been drained but not removed from vault yet.

capacity 265 gals.

removed 167 gals.

Max spilled 3 gals.

Initial cleanup complete. Awaiting unit removal to do final.

12/29/99 Spoke with Lou First. Requested he fax updated E2MIS when final cleanup is done.

**Map Identification Number 204**      **FIRST AV BETW E61 & E62 S**  
 1ST AVE / E 61ST

NEW YORK CITY, NY

**Spill Number: 8904668****Close Date: 08/10/1989**  
TT-Id: 520A-0101-871

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1314 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: FIRST AV BETW E61ST/E62ND

Revised zip code: 10021

Source of Spill: UNKNOWN  
Notifier Type: Responsible Party  
Caller Name: GAIL VICTOR  
DEC Investigator: SULLIVAN

Spiller: UNKNOWN  
Notifier Name:  
Caller Agency: CITIZEN  
Contact for more spill info:

Spiller Phone:  
Notifier Phone:  
Caller Phone: (212) 751-8330  
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/27/1989 |                     | UNKNOWN        | NO                      | NO                  |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

**The following DEC Investigator Remarks were available prior to 1/1/2002:**

10/10/95: This is additional information about material spilled from the translation of the old spill file: STRONG FUMES.  
REFER TO 89-03472. SEE FILE.

**Map Identification Number 205**      **360 E 72ND ST**  
 360 E 72ND ST

NYC, NY

**Spill Number: 9202751****Close Date: 06/06/1992**  
TT-Id: 520A-0097-376

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1322 feet to the NNW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PASSENGER VEHICLE  
 Notifier Type: Citizen  
 Caller Name: PAUL VOTLUCA  
 DEC Investigator: KSTANG

Spiller:  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 861-3257  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/06/1992 | 06/06/1992          | UNKNOWN        | UNKNOWN                 | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| GASOLINE         | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

EPA NOTIFIED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"

**Map Identification Number 206** **MARY MANNING SR. HOME**  
 1339 1ST AVE.

NEW YORK CITY, NY

**Spill Number: 0806486**

**Close Date: 09/10/2008**  
 TT-Id: 520A-0220-567

#### MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 1322 feet to the NNW

#### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: hrpatel

Spiller: ERT – THIRD PARTY SPILL UNDER INVESTIGATION  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: ERT

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill     | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|--------------------|-------------------------|---------|---------------------|---------|----------------------|
| 09/09/2008       |                     | UNKNOWN            | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class     | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| WHITE CAUSTIC    |                     | HAZARDOUS MATERIAL | 150.00                  | GALLONS | 0.00                | GALLONS |                      |

Caller Remarks:

This is a 3rd party spill notification. Fluid was spilled into a vault. Vault #8213. Contractor Queens Ventures witnessed some hospital employees dumping caustic fluid into vault #8213. Ryan Piper has been notified.

DEC Investigator Remarks:

10/20/08 – See eDocs for Con Ed report detailing cleanup and closure.

Patel – Con Ed vault had bleach solution dumped into their vault from 1339 1st ave site (Mary Manning Senior Home). Case closed.

10/16/08 – Austin – Received final EMIS – this spill reviewed as part of QA/QC of submissions – vault cleaned by Con Ed – spill closed – end

**Map Identification Number 207**



**MANHOLE 60445**

FRANKLIN ROSEVELT DR/E 73

MANHATTAN, NY

**Spill Number: 9908654**

**Close Date: 02/05/2004**

TT-Id: 520A-0093-072

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1323 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: EAST 73RD ST / FDR DR

Revised zip code: 10021

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: BILL MURPHY  
 DEC Investigator: COMENALE

Spiller: UNKNOWN – UNKNOWN  
 Notifier Name: MR MEHIAS  
 Caller Agency: CON EDISON  
 Contact for more spill info: CALLER

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 10/16/1999        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 3.00                    | GALLONS | 0.00                | GALLONS | SOIL                 |

## Caller Remarks:

caller reporting a spill of 3 gal on 7000 gal of water clean up pending lab results coned#128469 manhole contains oil fill feeder 38m33 feeder designation possible source no callback necessary

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 208** **WARDS ISLAND M-1**  
 73RD ST & FDR DR

MANHATTAN, NY

**Spill Number: 0308960**

**Close Date: 11/24/2003**  
 TT-Id: 520A-0092-795

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1323 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: EAST 73RD ST / FDR DR  
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
 Notifier Type: Responsible Party  
 Caller Name: TIM CHRISTIANSEN  
 DEC Investigator: SMSANGES

Spiller: CALLER - NYC DEP  
 Notifier Name: TIM CHRISTIANSEN  
 Caller Agency: NYC  
 Contact for more spill info: CALLER

Spiller Phone:  
 Notifier Phone: (718) 372-7193  
 Caller Phone: (718) 372-7193  
 Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

|                  |                     |                |                         |         |                     |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
| 11/22/2003       |                     | OTHER          | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| RAW SEWAGE       |                     | OTHER          | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |

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**Caller Remarks:**

blockage caused bypass in system spill is ongoing into the east river

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**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"  
Forwarded to DEC Water Group

**Map Identification Number 209 ST TROPEZ CONDOMINIUMS**

340 EAST 64TH STREET

MANHATTAN, NY

**Spill Number: 0310687****Close Date: 11/30/2007**

TT-Id: 520A-0094-162

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1325 feet to the W

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Affected Persons

Caller Name: MARK SALAMACK

DEC Investigator: rvketani

Spiller:

Notifier Name: SANDOR

Caller Agency: PETROLEUM TANK CLEANERS

Contact for more spill info: MR. SANDOR

Spiller Phone:

Notifier Phone: (212) 751-0293

Caller Phone: (718) 624-4842

Contact Person Phone: (212) 751-0293

**Category:** Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

**Class:** Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 12/16/2003 |                     | UNKNOWN        | NO                      |  | NO                  |  |

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| Material Spilled  | Material Class | Quantity Spilled | Units  | Quantity Recovered | Units  | Resource(s) Affected |
|-------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | POUNDS | 0                  | POUNDS | SOIL                 |

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**Caller Remarks:**

20000 GALLON FUEL TANK IN THE BASEMENT AND THERE IS A FILM OF OIL ON TOP OF THE WATER. NEITHER ARE SUPPOSED TO BE ON THE FLOOR OF THE ROOM BUT THEY HAVE NO IDEA WHERE THE OIL CAME FROM. THEY THINK IT MIGHT BE A LEAK IN THE TANK. THERE IS A TRUCK ON THE WAY FROM PETROLIUM TANK TO ASSESS THE SITUATION.

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**DEC Investigator Remarks:**



Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"  
12/16/2003 Tipple made a site visit.

3/11/2004 Sangesland spoke to Mark at PTC. He said the tank and floor under the tank were cleaned. The "tank system" was tested and failed. PTC sent the owner a proposal to do a "Tank Only" test and a "Lines" test. The owner approved this work on 3/8/04. The tank is 20,000 gal and it's almost full. PTC told the owner to burn the tank level down over the next couple of weeks and he will test the tank around 3/20/2004.

Owner is running the building on Natural Gas.

7/13/04 Tipple spoke with Mark at PTC,

11/29/05 – L. Alden – Spoke with Mark Salamack, Petroleum Tank Cleaners (917–559–5519). He had pumped out oil and water on 12/17/03 and cleaned the top of the tank. 3/24/04 tank only test indicated that the problem was with the lines. 6/14/04 tank test was OK. Sent letter to site owner requesting documentation of cleanup.

4/14/06 – L. Alden – No reply from owner. Suggested action: attempt to contact owner again. If work done between 3/24/04 and 6/14/04 investigated possible leak in lines and removed any contaminated soil, this spill could be closed.

12/1/06 – Raphael Ketani. I called up PTC (718) 624–4842 and spoke to the receptionist. She said she remembered the site and the repair, but all of the documentation was sent to the condo corp.

I called up the ST Tropez Condominiums (212) 751–0293 and spoke to the receptionist. She said that she remembers the repair and cleanup job. She said that the new super., Jeff Syler, will get in touch with me.

12/11/06 – Raphael Ketani. Mr. Syler called me and said that he had the documents I needed and that he will send them to me. He FAXed over copies of the passing test for the tank and the fuel system, a letter from Michelle Tipple (the previous DEC case manager), a 12/23/03 letter from PTC stating what services they will provide, a copy of the bill for work performed, and a copy of the paid bill. I told Mr. Syler these were the needed documents, but that DEC also needed a copy of the manifests for any soil removed, end point sample results. He said he will get back to me.

1/11/07 – Raphael Ketani. I spoke to Mr. Syler and asked him where were my copies of the manifests and end point samples. He said that there never were any end point samples or soil removed. He said that the tank was determined to be alright and so no samples were needed there. I asked him about the vent line and the fill line. He said the fill line was the only thing replaced years ago. I told him that DEC needed the soil around the fill line to be investigated. I asked him how much of the fill line was under the sidewalk. He said 12 feet. I told him that end point samples will have to be taken along the fill line. He said that he had to arrange this through the property agent and the management company. I asked who this was. He said it was Martin Brooks at Douglas Elliman Property Management (212) 455–4722. He said he will call Mr. Brooks very soon today.

Mr. Brooks called me back. He said that he will look for documentation regarding any investigation of the area along the route of the old fill line beneath sidewalk. He said that if he doesn't find anything, then he will have end points taken. I told him that he has one month to either get me the documentation or the results of end point samples. He said he understood.

4/12/07 – Raphael Ketani. I contacted Mr. Brooks. He said his company doesn't manage the building anymore, but he did have the

documentation that DEC had requested regarding the work. He said he will FAX me the documentation today.

5/8/07 – Raphael Ketani. I tried to reach Mr. Brooks regarding the documents he was going to FAX me, but could only leave a message. I tried to reach Mr. Syler, the super, but could only leave a message.

Mr. Syler called back and asked what documentation I needed. I told him that I needed paperwork regarding the fill pipe repair and replacement and the passing tank system test. I told him I also needed to have soil borings done along the length of the fill line. He said that the fill line is now mounted on the side of the building. I told him that is fine, but DEC needs to have the soil tested where the old fill line used to be below the sidewalk. He said he will have this done.

I also told him that Mr. Brooks no longer manages the building. He said that the new manager is Keith Werny of Cooper Square Realty (212) 634-8913.

5/9/07 – Raphael Ketani. I received a FAX from Mr. Brooks containing copies of the paperwork he had on file for the site. The FAX contained the Fire Department Violation Order, a passing tank only tightness test from 3/29/04, a 12/17/03 DEC letter to the co-op board president regarding the oil release, 12/23/03, 4/1/04 and 2/27/04 letters from PTC regarding costs to clean, test and repair the tank and replace the lines. There was no documentation that soil samples had ever been taken along the length of the old fill line.

5/10/07 – Raphael Ketani. I tried to contact Mr. Werny, but could only leave a message.

Mr. Werny called me back and told me to send him an e-mail stating what has to be done. His e-mail address is keith.werny@coopersquare.com.

8/1/07 – Raphael Ketani. I tried to reach Mr. Werny, but could only leave a message and send an e-mail.

8/2/07 – Raphael Ketani. Mr. Werny called me back today and said that he is going to the condominium office to dig through the records and try to find the documentation DEC needs. He hopes to get it to DEC sometime in August. I told him that would be fine.

10/19/07 – Raphael Ketani. I spoke to Mr. Werny. I asked him why he hadn't sent me any documentation regarding the old fill line removal and soil contamination. He said that he will make this his number one priority. I told him that DEC is requiring that 3 soil borings be performed and 3 soil samples be taken along the trace of the old fill line. He said that he wanted to talk to the super. about the old fill line and then he will get back to me this monday afternoon. I told him that will be alright, but if he doesn't, then the state will send out a formal letter requesting the boring and sampling.

10/22/07 – Raphael Ketani. Mr. Syler called me back. He told me to FAX a quick note to Diana at PTC and to him that 3 borings need to be performed along the trace of the old fill line and that soil samples need to be taken. I told him I would do so.

The FAX went out today to Mr. Syler (212) 826-3080 and to Diana (718) 858-4268. I also included that any contaminated soil will have to be removed.

11/30/07 – Raphael Ketani. Today, Mr. Syler FAXed me soil analytical data from the 3 end point samples that were taken along the trace of the old fill line. The results showed that there were very low hits for total xylenes in samples #1 to #3, and some low SVOC hits for samples #3.

Based upon the old fill line trace soil sample results, the passing tank test and tank system test, and the other documents in the case file, I am closing the spill case.

**Map Identification Number 210****OPEN EXCAVATION**

1ST AVE EAST 72ND ST

MANHATTAN, NY

**Spill Number: 9604678****Close Date: 05/12/2008**

TT-Id: 520A-0092-926

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1335 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: E 72ND ST / 1ST AVE

Revised zip code: 10021

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: STEPHEN ROMERO  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN - UNKNOWN  
 Notifier Name: MR BELL  
 Caller Agency: CON ED  
 Contact for more spill info: STEPHEN ROMERO

Spiller Phone:  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/09/1996 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 20.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

oil from unk source discovered in con ed steam line excavation

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

12/17/04: Con Ed submitted copy of OIL, TOXIC OR HAZARDOUS SUBSTANCE (INCLUDING PCB'S AND ASBESTOS) SPILLS AND FIRES NOTIFICATION FORM dated 7/10/96, which states: "LOCATION OF SPILL/FIRE: OPEN EXCAVATION, 1ST AVE & EAST 72ND STREET, MANHATTAN. TYPE OF SPILL/FIRE AND CAUSE: OIL FROM AN UNKNOWN SOURCE IN SOIL. ESTIMATED AMOUNT OF SPILL: 20 GALLONS." Since this is within the area of Appendix B site 7, spill will remain open pending results of investigation which is currently on-going. (JHO)

5/12/08: Close – see spill no. 9604666. (JHO)

**Map Identification Number 211****FEEDER LEAK**

72ND ST / 1ST AVE

MANHATTAN, NY

**Spill Number: 9604666****Close Date: 12/08/2005**

TT-Id: 520A-0092-925

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1335 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: E 72ND ST / 1ST AVE

Revised zip code: 10021

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: STEVE ROMERO  
 DEC Investigator: JHOCONNE

Spiller: STEVE ROMERO – CON EDISON  
 Notifier Name: MR GIANGRANDE  
 Caller Agency: CON ED  
 Contact for more spill info: STEVE ROMERO

Spiller Phone: (212) 580-6763  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/09/1996 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 550.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

they have a loss of 550 gallons of the fluid.apparently occurred

over a period of time leaking at a rate of 1 gallon per hour.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

7/9/96, Mr. Schmidt (Con Ed): Feeder #38M35, Rainey to Manhattan. Oil in steam hole excavation in Manhattan (72nd St./1st Ave.)

– will be excavating to look for possible leak. Still making checks on feeder. Will be inserting PFT (perfluorocarbon tracer).

They are no sure if the oil in the excavation is residual from old spill or if it is new spill. (CAE)

7/11/96, John Hegerty (Con Ed Underground Transmissions): still looking in area of excavation (freeze pits). (CAE)

7/18/96, Mr. Schmidt: taking PFT gas samples – inconclusive so far. Leak committee is scheduled to meet today to determine next step. No further loss since original 550 gallons. Have done 4 freezes so far – data inconclusive. (CAE)

5/28/02: Spill originally reported from Rainey Substation pumphouse. Part of Appendix B site 7. Transferred from Engelhardt to O'Connell. (JHO)

Update 12/8/05

This spill is being closed based on site 7b investigation report found in eDocs link for spill # 0111140. (SKA)

**Map Identification Number 212** **EXCAVATION SITW**  
 72ND ST / 1ST AVE

MANHATTAN, NY

**Spill Number: 9601796**

**Close Date: 12/08/2005**  
 TT-Id: 520A-0092-916

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1335 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: E 72ND ST / 1ST AVE  
 Revised zip code: 10021

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: JOE DEVOTI  
 DEC Investigator: JHOCONNE

Spiller: RICHARD ROACH – CON EDISON  
 Notifier Name: MR STEWART  
 Caller Agency: CON EDISON  
 Contact for more spill info: JOE DEVOYI

Spiller Phone: (212) 580-6764  
 Notifier Phone: (212) 338-4496  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/06/1996 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 20.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

found spill at an excavation site – unsure who is the spiller – believed to be con ed

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

12/3/04: Information submitted by Con Ed dated 5/13/96 states: "Name of Substance Released:

Unknown oil seeped into excavation. Hazardous Characteristics of Substance Released:

Sample showed less than 1 ppm pcbs. Estimated Quantitv of Substance Released: Twenty gallons.

Description of Areas Affected by Release: Excavation in street. Nature of Process at Site:

Excavation of steam pipe to facilitate upgrade. Details Reszarding Cleanup Measures: Cleanup is being scheduled for the week of May 13, 1996. Contaminated soil to be removed." This area is undergoing investigation as part of Appendix B site 7 due to other dielectric releases. See App. B site 7 file for additional inforamtion. Close out. (JHO)

Update 12/8/05

This spill is being closed out based on site 7b inves report in eDocs link for spill # 0111140. (SKA)

#### Map Identification Number 213



#### MANHOLE #63553

YORK AV / 59TH ST

MANHATTAN, NY

Spill Number: 9813069

Close Date: 05/19/2000

TT-Id: 520A-0092-990

#### MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1356 feet to the SW

#### ADDRESS CHANGE INFORMATION

Revised street: YORK AV / E 59TH ST

Revised zip code: 10022

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: JOE DEVOTI

DEC Investigator: JHOCONNE

Spiller: CON EDISON

Notifier Name: MCQUEEN

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 01/25/1999        |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled  | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM           | 4.00             | GALLONS                 | 0.00               | GALLONS             | SOIL                 |

Caller Remarks:

CONTAINED IN MANHOLE - CASE #122644

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
e2mis no. 122-644:

On January 25, 1999, C. Carrillo, Mech A, 03309 and J. Mollahan, Splicer, 73867 was at manhole 63558, feeder 38M06 with contractor to cut the roof of the manhole, making the roof lower. A mall will be built in the area. They discovered approx 300 gallons of water and approx 4 gallons of unknown oil. All contained in manhole. Chem Lab will be called to take samples. No injuries or outside impact. No sewer or waterway affected.

## UPDATE

Per V. Schaefer, Supervisor, 78367, samples were taken yesterday, 01/25/99 approx 15:00. Waiting for results from Chem Lab this morning, 01/26/99. As soon as lab results are in, arrangement for clean up will began.

Chem lab reports 99-00753 <1.00ppm PCBs. Clean Harbors notified to respond at 12:00 1/27/99 to clean up manhole. Chem Lab reports 99-00754 <1.0ppb benzene.

## CLEANUP CHECKLIST

X Removed/recovered liquid/solids.

X Washed stained areas.

X Name of contractor : CLEAN HARBORS

Cleanup completed on Date: 01/27/99 Time\* : 15:00

## Map Identification Number 214



## BUILDING

YORK AVE/ EAST 59TH ST

MANHATTAN, NY

Spill Number: 0710391

Close Date: 01/03/2008

TT-Id: 520A-0211-089

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1356 feet to the SW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE

Notifier Type: Other

Caller Name:

DEC Investigator: hrpatel

Spiller: UNKOWN;

Notifier Name:

Caller Agency:

Contact for more spill info: SEAN DONOHUHE

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (718) 595-5000

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 12/31/2007        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SOIL                 |

## Caller Remarks:

UNKOWN HOME HEATING OIL FROM UNKOWN COMPANY TRUCK;

## DEC Investigator Remarks:

12/31/07–Hiralkumar Patel. spoke with Sean at DEP. he also mentioned that spill was reported under 59th street bridge.

01/03/08–Hiralkumar Patel. visited site. found no sign of spill. case closed.

## Map Identification Number 215

## MANHOLE #48420



59TH ST &amp; SUTTON PL

MANHATTAN, NY

Spill Number: 0006069

Close Date: 12/14/2000

TT-Id: 520A-0102-971

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1356 feet to the SW

## ADDRESS CHANGE INFORMATION

Revised street: E 59TH ST / SUTTON PL

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: BRIAN JOYCE  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: MR RUSSO  
 Caller Agency: CON EDISON  
 Contact for more spill info: BRIAN JOYCE

Spiller Phone:  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/22/2000 |                     | UNKNOWN        | NO                      | NO                  |



| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

-----  
Caller Remarks:2OZS ON WATER CLEANUP PENDING TEST RESULTS REF #132981  
-----

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
UPDATE 8/23/00 17:00---RESULTS CAME BACK AS 56PPM

## e2mis notes:

August 22, 2000 11:05 hours: 2 ounces of an unknown oil mixed with approximately 5 gallons of water in mh 48420. Sheen was attempted to be cleaned. There is no visible movement and the spill did not enter sewers or waterways. Conduit plate 31-I-2 shows no sump or sewer connection.

8/23/2000 17:05 hours

Arochlor 1254 PCB count 56 ppm.

8/24/2000 13:30 Oil and water removed via tanker over 50 ppm. Flush truck from environment operations used a high pressure hose to triple wash the floor and walls with Bio genesis solution. manhole was then rinsed by flush truck. 1201 gallons of oil soil mixture removed.o

**Map Identification Number 216****QUEENSBORO BRIDGE**

BET. YORK &amp; 1ST AV

MANHATTAN, NY

**Spill Number: 9605443****Close Date: 08/17/2004**

TT-Id: 520A-0101-868

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 1362 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: BET. YORK / 1ST AV

Revised zip code: 10022

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: TIM SOLICH

DEC Investigator: JHOCONNE

Spiller: TIM SOILCH - CON EDISON

Notifier Name: MR CARRILLO

Caller Agency: CON ED

Contact for more spill info:

Spiller Phone: (212) 580-6764

Notifier Phone: (718) 204-4489

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/28/1996 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 1.00             | GALLONS | 1.00               | GALLONS | SOIL                 |

Caller Remarks:

manhattan side of bridge/leaked onto soil during line replacement/cleaned up at 12:10

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

8/17/04: Con Ed submitted copy of internal spill documentation which states: "The removal of Dielectric Fluid Fdr 38M04 from

the Queens Boro Bridge, 1 Gal. of fluid leaked onto soil between York Ave. and st Ave. in Manh. Area cleanup completed." Close out. (JHO)

Map Identification Number 217



MANHOLE #59596

327 EAST 64 STREET

MANHATTAN, NY

Spill Number: 0514155

Close Date: 04/17/2006

TT-Id: 520A-0097-499

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1365 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: 327 EAST 64TH STREET

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Other

Caller Name: TOM ENRIGHT

DEC Investigator: GDBREEN

Spiller: ERT DESK – CON EDISON MANHOLE #59596

Notifier Name: TOM ENRIGHT

Caller Agency: CON EDISON

Contact for more spill info: ERT DESK'

Spiller Phone: (212) 580-8383

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 03/10/2006        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 4.00                    | GALLONS | 0.00                | GALLONS | SOIL                 |

## Caller Remarks:

coned # 163286 and no to 5 questins: cant get to it due to parking restrictions

## DEC Investigator Remarks:

04/17/06 – See e-docs for Con Ed report detailing cleanup and closure.

04/17/06 – See e-docs for Con Ed report detailing cleanup and closure.

163286. see eDocs

## Map Identification Number 218



326 EAST 65TH ST

326 EAST 65TH ST

NYC, NY

Spill Number: 9510259

Close Date: 11/16/1995

TT-Id: 520A-0095-836

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1383 feet to the WNW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Responsible Party

Caller Name: PETER BULLA

DEC Investigator: MCTIBBE

Spiller: MR FRANCO – 326 EAST 65TH ST

Notifier Name: MR FRANCO

Caller Agency: PETRO COMMANDER

Contact for more spill info: MR FRANCO

Spiller Phone: (212) 861-3320

Notifier Phone: (212) 861-3320

Caller Phone: (718) 545-4500

Contact Person Phone: (212) 861-3320

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 11/15/1995 |                     | OTHER          | NO                      |  | NO                  |  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 1.00             | GALLONS | 1.00               | GALLONS | SOIL                 |

---

Caller Remarks:

EXCESS FUEL IN LINE DROPPED ON GROUND

---

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"  
CLEANED BY OIL CO.

**Map Identification Number 219**

**MANHOLE #60636**  
YORK AVE/73RD ST



MANHATTAN, NY

**Spill Number: 0302479**

**Close Date: 08/20/2003**  
TT-Id: 520A-0099-029

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 1383 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: YORK AV / E 73RD ST  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: Responsible Party  
Caller Name: TOM MARCINEK  
DEC Investigator: SKARAKHA

Spiller: TOM MARCINEK – CON EDISON  
Notifier Name: MR WILLIAMS  
Caller Agency: CON EDISON  
Contact for more spill info: TOM MARCINEK

Spiller Phone: (212) 580-6763  
Notifier Phone:  
Caller Phone: (212) 580-6763  
Contact Person Phone: (212) 580-6763

---

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.  
Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

---

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/09/2003 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 500.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

---

Caller Remarks:

Above material discovered at above location on top of 2700 gallons of water. Clean Harbors is on scene and manhole is being

pumped out. The spill is possibly affiliated with DEC #03-02463.

Contact caller for further information. Con Ed #148645.

-----  
DEC Investigator Remarks:

E2MIS 148645

Alice F. Williams. Employee # 75829, Transmission Operations Department, reports:--

June 9, 2003 @ 07:31 Hrs.: Dane Huggins, Employee # 14205, Supervisor working for Transmission Operations Department, was in search of a leak on Feeder 38M35 when he discovered approximately 500 gallons of dielectric fluid, on top of approximately 2700 gallons of water in Manhole 60636 - Feeder 38M35. The spill is contained in the manhole. There are no injuries or outside impact. There is no active fire or smoke, and no sewers, waterways or private property are affected. Chem Lab took samples of the substance for testing, Clean Harbors is in the process of pumping out the manhole.

Aroclor 1242 < 1.0 ppm EPA 608/8082

Aroclor 1254 < 1.0 ppm EPA 608/8082

Aroclor 1248 < 1.0 ppm EPA 608/8082

Aroclor 1260 4.0 ppm EPA 608/8082

-----  
TOTAL PCB 4 ppm

Custom barrel fabricated from 6/9 - 6/10/03. Barrel installation started at approx 14:00 6/10/03.

=====

#### SPILL CLEANUP CHECKLIST

Incident No: 148645

Completing checklist: V. BOATRIGHT SUPERVISOR, 15989

Material discovered: PCB LESS THAN 50 PPM - KNOWN

Sample ID: 03-4779-001

Pcb: YES

Benzene: NO

Amount discovered: 500 GALLONS

Spill discovered: 06-09-03

Location of spill: M60636, YORK AVE 123' N/O 73RD ST, MANHATTAN

Cause of spill: LEAK ON JOINT, CORROSION

Affected by spill: 138KV MANHOLE

Sewer/waterway affected: NO

Boom deployed: CONTAIN IN MANHOLE

Cleanup Activities: REMOVED/RECOVERED LIQUIDS/SOLIDS, REMOVED VISIBLE TRACES OF OIL, WASHED STAINED AREAS,

Performed cleanup: CORP. TRANSPORTATION

Contractor: CLEAN HARBORS

Directing cleanup: D. HUGGINS SUPERVISOR, 06-09-03

Estimated amounts: RECOVERED OIL -500 GALLONS, RECOVERED WATER-2700 GALLONS

Shipping papers: CLEAN HARBORS, CTF1180425, 6-9-03

CLEANUP COMPLETED AND SUBMITTED TO NYSDEC FOR APPROVAL

6/9/2003

Con Edison had a release of 500 gallons into manhole #60636 located in 73rd Street and York Ave. in Manhattan. At the time of arrival, Con Edison had already removed the oil from the manhole and cleaned it.

The feeder had corrosion at the bottom. Con Edison was evaluating the removal of the coal tar wrap which has PCBs and asbestos. The feeder was put on reduced pressure to prevent further leakage. Con Edison will install a clamp when the asbestos remediation is completed.

This is not related to the 1900 gallon spill reported over the weekend. Con Edison has not located the source of that spill (0302463). ARS

**Map Identification Number 220****DISTRIBUTION MANHOLE**

E 73 RD ST &amp; YORK AVE

MANHATTAN, NY

**Spill Number: 0105022****Close Date: 03/13/2003**

TT-Id: 520A-0094-866

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1383 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: E 73RD ST / YORK AVE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: STEVE ROMERO  
 DEC Investigator: KMFOLEY

Spiller:  
 Notifier Name: STEVE ROMERO  
 Caller Agency: CON EDISON  
 Contact for more spill info: STEVE ROMERO

Spiller Phone:  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/09/2001 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 300.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

cleanup pending test results – discovered by a crew looking for an unrelated leak on high power cable – mh #48538, con ed #138812

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"

8/9/01: 300gal in manhole for 38M33 138kV feeder at E 73rd and York Ave. Met with S. Mahoney(ERT), DEP Chris Haas and G. Materazo (S&TO). Trying to locate feeder leak. PFT tracer gas injected. Took soil gas samples and analyzed using GC. Showed peak in intersection at E73rd and York. Con Ed started to excavate in this vicinity. G. Materazo is contact for System & Transmission Operations. (KMF)

e2mis no. 138-812:

Clean Harbors notified to respond and cleanup manhole on 8/9/01. Corp transportation tanker to pump out manhole. Manhattan Custom Service superviosr to respond and give guidance for cleanup (distribution cables are in manhole). Liquids to be treated as 50-499 since lab results have not been returned yet. Temp EPA ID # NYP004087722 received from ERT for cleanup.

8/9/01 13:32 hrs Received lab results, lab sequence # 01-08076-001 Aroclor 1260 &lt; 1.0 ppm.

Clean Harbors onsite and clean up commenced after clamp was installed on Fdr 38M33 at 18:00. [SEE SPILL # 0104864] After clamp was installed, flow of fluid into manhole stopped. Manhattan CS on location to direct cleanup since TO personnel have no experience with distribution voltage cables in manholes. Clean Harbors removed 318 gallons of oil from manhole under manifest CTF0834908. On 8/10/01 meeting held with Jane O'Connel (DEC) and John Tranchina. Manhole cleaning was good but oil may still flow in through ducts. Pads to be left in POE to trap any oil still weeping in and cleaning of ducts to discussed with Manhattan CS.

## UPDATE 9/7/01

R. Mockler, UG Planner, reported on 8/31/01 that M. Demodna #19654 inspected this manhole on 8/31/01 at 00:01 hrs. and discovered a residue of oil and 200 gallons of water still in the manhole. This manhole will have to be cleaned by Clean Harbors again. The Environmental Desk will coordinate with Transmission Operations and Clean Harbors to have this manhole re-cleaned.

Clean Harbors returned to location on 9/11/01. They were setting up when the WTC was attacked. With the traffic and the rush of people trying to leave Manhattan, the police would not let us open the manhole.

On 10/18/0 S&D returned to this location and washed and cleaned MH, treated as lead hazardous. Con Ed supervisor Peter Mullholland from Manhattan CS was on location to approve cleanup. Cleanup completed at 14:00 10/18/0. S&D removed 900 gallons of liquid.

3/13/03: CLOSE OUT – TRACK UNDER SPILL # 0111140. (JHO)

## Map Identification Number 221



## FEEDER 38M33

73RD ST &amp; YORK AVE

QUEENS, NY

Spill Number: 0104864

Close Date: 12/08/2005

TT-Id: 520A-0092-766

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1383 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: E 73RD ST / YORK AVE

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: SEAN MCKEEVER

DEC Investigator: JHOCONNE

Spiller: CON EDISON

Notifier Name: SEAN MCKEEVER

Caller Agency: CON EDISON

Contact for more spill info: SEAN MCKEEVER

Spiller Phone: (212) 580-6763

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/06/2001 |                     | UNKNOWN        | NO                      | NO                  |



| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 600.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

---

**Caller Remarks:**

caller states they have a 600 gallon tank discrepancy – not sure where the exactly the spill is –

---

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
Original leak reported between Rainey Substation (Queens) and West 110th St. Substation (Manhattan).

See also spills # 0104878, 0105022 and 0111140.

8/7/01: ERT reports leak located at E73rd St/York Ave. Clamp installed. They are doing calculations to see if there is another leak somewhere else on line. (ARS)

8/10/01: New leak amount estimated at 1500 gallons. 100 gallons recovered from manhole at W110th St/Amsterdam Ave (spill #0104878), 300+/- gallons recovered from manhole at E74th St/York Ave (spill #0105022). Total oil recovered = 400 gallons. (KMF)

2/16/02: after lengthy battle with City DOT, Con Ed was able to complete excavation of contaminated soils. A total of 13 samples were collected from trench floors and walls for TPH analysis. (JHO)

2/22/02: lab results received. High TPH values in 3 locations on floor of trench (beneath repair barrel). TPH came back as "lubricating oil". However, according to Pat Keelan (Con Ed Chem Lab) chromatograms for cable oil and lube oil are very similar. (JHO)

2/22/02, 6:00 PM: Told John Tranchina and Leon Paretsky (Con Ed S&TO) to scrape some additional soil from area if possible (Tranchina reports he is down to bedrock), take photos and 2 more samples, then backfill. (JHO)

2/25/02: spoke with John Tranchina – they were able to remove another 1' of soil beneath the repair area. Were only able to collect one sample (area 2 is down to bedrock). He took photos and backfilled. Also, in an adjacent electrical manhole they found a couple of gallons of oil on 250 gallons of water (spill #0111140). Sample indicates dielectric fluid. The oil probably came in through ducts. They found a concrete sump in the MH, but sump was all broken up – they will remove, dig down, sample and re-pour rge sump next weekend. Also, will put absorbents in the MH ducts to see if any residual oil is present. (JHO)

To be investigated as part of Appendix B site 7. SIWP submitted by Con Ed in January 2004. Comment letter sent to Con Ed 9/1/04.

Update 12/08/05

This spill is being closed based on site 7b investigation report found in eDocs link for spill # 0111140. (SKA)

**Map Identification Number 222****MANHOLE 53349**

EAST 61ST ST/FIRST AVE

NEW YORK, NY

**Spill Number: 9908756****Close Date: 02/05/2004**

TT-Id: 520A-0102-300

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1388 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: UNKNOWN

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: STEVEN CRIBBIN  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: MR CROWE  
 Caller Agency: CON ED  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone: (212) 338-3352  
 Caller Phone: (212) 580-8576  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/19/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

found 1 gal unknown petro on 25 gals water --- sample taken - clean up pending results. con ed 128526.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 e2mis no. 128526:

1 GALLON OF UNKNOWN OIL MIXED WITH 25 GALLONS OF WATER IN M53349. RECORDS SHOW NO SEWER CONNECTION.

PCB RESULTS &lt;1 PPM.

DATE AND TIME THE CLEANUP COMPLETED : 10/21/99 , 05:00

CLEANUP PROCEDURE : OIL AND WATER REMOVED VIA TANKER UNDER < 50 PPM, MANHOLE WAS DOUBLE WASH BIO-GENESIS SOLUTION, MANHOLE WAS THEN RINSED BY FLUSH TRUCK.

**Map Identification Number 223****MANHOLE #53349**

EAST 61ST &amp; 1ST AV

MANHATTAN, NY

**Spill Number: 9902881****Close Date: 05/18/2000**

TT-Id: 520A-0102-299

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1388 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: E 61ST ST / FIRST AV

Revised zip code: 10021

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: WILLIAM MURPHY  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: MR CARROLL  
 Caller Agency: CON ED  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/12/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

1 quart on 50 gallons of water. con ed #125532. samples taken for pcg and identification. clean up pending results.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 Con ed e2mis notes:

1 qt of unknown oil on 50 gals of stagnant water in manhole. Cleanup complete on 6/18/99 at 06:15 am, supervised by K.Mcdowell.  
 525 gallons of oil and water removed via tanker, manhole then flushed.

unknown oil: 1 qt

AROCLOL 1254: 1qt

pcb 0 ppm

**Map Identification Number 224****MAN HOLE 11737**

E61ST ST/E OF 1ST AV

MANHATTAN, NY

**Spill Number: 0004185****Close Date: 10/17/2001**

TT-Id: 520A-0102-301

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1388 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: E 61ST ST E/O 1ST AV

Revised zip code: UNKNOWN

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: BILL MURPHY  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: PELLAGRINO  
 Caller Agency: CON EDISON  
 Contact for more spill info: BILL MURPHY

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/07/2000 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 5.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

5 GALLONS ON 250 OF WATER. CLEAN UP PENDING. LIQUID WILLBE PUMPED OUT PRIOR TO RESULTS. CON ED#132235

GRATER THAN 50 PPM TANKER.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

Con Ed e2mis Notes:

7/7/00 5gal unknown oil on top of 250gal water in manhole. There is only primary and secondary cables in manhole. A sump pit cannot be verified. No sump pump running. Checked conduit plate and verified there is a sewer connection. Sample returned <1ppm PCB. Cleanup completed by double washing with degreaser. No sump.

**Map Identification Number 225** **1121 1ST AVE/MANH/GETTY**  
 1121 1ST AVENUE  
 1121 FIRST AVE

MANHATTAN, NY

**Spill Number: 9011624****Close Date: 02/05/1991**  
TT-Id: 520A-0098-405

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 1400 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK  
 Notifier Type: Responsible Party  
 Caller Name: JIM MASONE  
 DEC Investigator: FINGER

Spiller: GETTY  
 Notifier Name:  
 Caller Agency: GETTY OIL  
 Contact for more spill info:

Spiller Phone: (718) 361-9804  
 Notifier Phone:  
 Caller Phone: (718) 361-9804  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/05/1991 | 02/05/1991          | UNKNOWN        | UNKNOWN                 | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| GASOLINE         | PETROLEUM      | 5.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

SPILL ON BLACKTOP, NYCFD NOTIFIED & FLUSHED SPILL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 226** **APT BUILDING**  
 315 EAST 68TH ST

MANHATTAN, NY

**Spill Number: 9815419****Close Date: 10/05/2001**  
TT-Id: 520A-0092-602

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)  
 Approximate distance from property: 1404 feet to the NW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK  
 Notifier Type: Affected Persons  
 Caller Name: JOANNE TYNER  
 DEC Investigator: SMSANGES

Spiller: POSSIBLY HESS  
 Notifier Name: JOANNE TYNER  
 Caller Agency:  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone: (212) 794-3997  
 Caller Phone: (212) 794-3997  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/27/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

#### Caller Remarks:

oil was delivered to above address material did overflow thru the vent pipe unk if spill has been reported some  
 clean up has been done caller requests a call back

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"  
 9/5/01

Bdlg trying to refinance.

Steve Hirsch – Managing agent called.

718-921-0430.

Reassinged from Mulqueen to Sangesland 09/05/01

See Also 9815388.

**Map Identification Number 227****GOODSTEIN MANAG. (CONDO)**

315 EAST 68TH ST.

MANHATTAN, NY

**Spill Number: 0410766****Close Date: 03/21/2005**

TT-Id: 520A-0091-571

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 1404 feet to the NW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: SCOTT WILLIAMS  
 DEC Investigator: CESAUYER

Spiller: UNKNOWN  
 Notifier Name: MIKE ERRICHELLO  
 Caller Agency: AMERADA HESS  
 Contact for more spill info: JOSEPH KRIZAN

Spiller Phone:  
 Notifier Phone: (201) 489-5100  
 Caller Phone: (201) 489-5100  
 Contact Person Phone: (212) 734-1520

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/31/2004 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 5.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**TANK TEST INFORMATION**

| Tank Number | Tank Size | Tank Test Method | Leak Rate | Gross Leak or Failure |
|-------------|-----------|------------------|-----------|-----------------------|
|             | 7500      | Unknown          | 0.00      | UNKNOWN               |

**Caller Remarks:**

Material went into a flower bed from the vent pipe on the above ground tank. Joseph Krizan cell # (917)559-3806 There is confusion as to who is responsible for the spill. Material was being pumped into tank and started coming out at 3193 gal. Speedy dry was used but clean up is not complete. Contractors called Eastman will be doing clean up later on today.

**DEC Investigator Remarks:**

03/21/05 - Sawyer - Small spill AL Eastmond called in to finish. Rene Lewis at Eastmond will forward paperwork. Closed.

**Map Identification Number 228** **50 SUTTON PLACE**  
 50 SUTTON PLACE

NYC, NY

**Spill Number: 8806281****Close Date: 12/04/1992**  
TT-Id: 520A-0095-174

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 1406 feet to the SW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: DAVE BROWN  
 DEC Investigator: SIGONA

Spiller: MJ RAINES MNGMT  
 Notifier Name:  
 Caller Agency: AMERADA HESS  
 Contact for more spill info:

Spiller Phone: (212) 753-8093  
 Notifier Phone:  
 Caller Phone: (201) 437-1017  
 Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),  
 contamination of drinking water supplies, or significant release to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/26/1988 | 12/04/1992          | UNKNOWN        | UNKNOWN                 | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 100.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

CONTAINED IN BASEMENT, WILL SEND HESS PERSONNEL TO INVESTIGATE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 229** **2ND AVE SUBWAY PROJECT –NYCT**  
 64TH BETWEEN 1&2 AVE

NEW YORK, NY

**Spill Number: 0400762****Close Date: 09/01/2005**  
TT-Id: 520A-0101-618

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 1444 feet to the W

## ADDRESS CHANGE INFORMATION

Revised street: E 64TH ST / SECOND AV / FIRST AV

Revised zip code: 10021



|                               |                                              |                                      |
|-------------------------------|----------------------------------------------|--------------------------------------|
| Source of Spill: UNKNOWN      | Spiller: SIRSH MUSTHYALA – SIDEWALK          | Spiller Phone: (908) 947-0260        |
| Notifier Type: Other          | Notifier Name: SIRISH MUSTHYALA              | Notifier Phone: (212) 510-2616       |
| Caller Name: SIRISH MUSTHYALA | Caller Agency: DHA                           | Caller Phone: (212) 510-2616         |
| DEC Investigator: MCTIBBE     | Contact for more spill info: SIRSH MUSTHYALA | Contact Person Phone: (908) 947-0260 |

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 04/22/2004 |                     | OTHER          | NO                      | NO                  |

|                  |                |                  |        |                    |        |                      |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| Material Spilled | Material Class | Quantity Spilled | Units  | Quantity Recovered | Units  | Resource(s) Affected |
| #2 FUEL OIL      | PETROLEUM      | 0                | POUNDS | 0                  | POUNDS | SOIL                 |

Caller Remarks:

45 PPM ON THE PID SOIL BORINGS: SAMPLE DONE BETWEEN 22 FT. FUEL OIL ODOR SMELL TO IT:

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"

09/01/05: Elevated PID reading discovered in a boring being performed as part of the 2nd Avenue Subway Project. Corresponding soil sampling showed only minor hits of metals and a few SVOCs constituents.

**Map Identification Number 230** **APARTMENT COMPLEX**  
 IFO 355 E72ND ST

**Spill Number: 0011395** **Close Date: 01/23/2001**  
 MANHATTAN, NY TT-Id: 520A-0094-938

MAP LOCATION INFORMATION  
 Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 1451 feet to the NNW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Citizen  
 Caller Name: ANONYMOUS  
 DEC Investigator: MCTIBBE

Spiller: SAME – APARTMENT COMPLEX  
 Notifier Name: SAME  
 Caller Agency: CITIZEN  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (000) 000-0000  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/20/2001 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 0                | GALLONS | 0                  | GALLONS | AIR                  |

Caller Remarks:

"HORRIBLE FUMES COMING FROM THE GROUND"

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"  
SOME SORT OF HEATER OR FAN IN GROUND. WHEN IT COMES ON, SMELLS ARE HORRIBLE. UNKNOWN WHAT SMELL IS. REFERED TO NYC DEP AIR COMPLAINT. NOTIFIED NYS DEC ECO DUTY DESK.

**Map Identification Number 231** **1ST AVE & 60TH ST/GETTY**  
 1ST AVE & 60TH ST

NYC, NY

**Spill Number: 9203784**

**Close Date: 08/01/1994**  
TT-Id: 520A-0099-192

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)  
Approximate distance from property: 1455 feet to the WSW

#### ADDRESS CHANGE INFORMATION

Revised street: 1102 FIRST AVE  
Revised zip code: 10022

Source of Spill: GASOLINE STATION

Notifier Type: Other

Caller Name: J VALENTI

DEC Investigator: O'DOWD

Spiller:

Notifier Name:

Caller Agency: EDER

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (516) 671-8440

Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 07/01/1992       | 08/01/1994          | UNKNOWN          | UNKNOWN                 |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| GASOLINE         | PETROLEUM           | -1.00            | UNKNOWN                 | 0.00               | UNKNOWN             | SOIL                 |

Caller Remarks:

SOIL DISCOVERED DURING TANK PULL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

#### Map Identification Number 232 GETTY SERVICE STATION



1102 FIRST AVE

MANHATTAN, NY

Spill Number: 9201394

Close Date: 08/01/1994

TT-Id: 520A-0099-191

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 1455 feet to the WSW

#### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill: GASOLINE STATION

Notifier Type: Other

Caller Name: MARIA HALL

DEC Investigator: SULLIVAN

Spiller: GETTY GAS STATION

Notifier Name:

Caller Agency: EMS

Contact for more spill info:

Spiller Phone: (718) 729-6500

Notifier Phone:

Caller Phone: (908) 862-4594

Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 04/09/1992       | 08/01/1994          | UNKNOWN          | UNKNOWN                 |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| GASOLINE         | PETROLEUM           | 0                | GALLONS                 | 0                  | GALLONS             | SOIL                 |

---

 Caller Remarks:

2 OUT OF 3 MORE HOLES SHOULD SIGNIFICANT TEST RESULTS.

---

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

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**Map Identification Number 233**

**301 EAST 69TH ST**  
301 EAST 69TH ST

MANHATTAN, NY

**Spill Number: 9703858**

**Close Date: 02/13/2003**

TT-Id: 520A-0099-229

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1460 feet to the NW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Local Agency  
Caller Name: TAWADROS  
DEC Investigator: TOMASELLO

Spiller: GOODSTEIN  
Notifier Name: HEIDI TANDY  
Caller Agency: EPA  
Contact for more spill info: GOODSTEIN

Spiller Phone:  
Notifier Phone: (212) 628-5781  
Caller Phone: (908) 321-6648  
Contact Person Phone:

---

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

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| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 06/27/1997       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN MATERIAL |                     | OTHER          | 0                       | GALLONS | 0                   | GALLONS | AIR                  |

## Caller Remarks:

CALLER STATES THAT THERE IS A CHEMICAL ODOR IN COND SINCE FRIDAY

THERE IS WORK BEING DONE ON ROOF

---

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 234**

355 EAST 72ND ST

MANHATTAN, NY

**Spill Number: 0011531****Close Date: 02/13/2003**

TT-Id: 520A-0099-227

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1479 feet to the NNW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Citizen

Caller Name: JANE SMITH

DEC Investigator: SMSANGES

Spiller: 355 EAST 72ND ST

Notifier Name:

Caller Agency: CITIZEN

Contact for more spill info: CALLER

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 532-6628

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/25/2001 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 0                | GALLONS | 0                  | GALLONS | AIR                  |

## Caller Remarks:

CALLER STATES THAT FUMES FROM A HEATER ARE REACHING HER 17TH FLOOR APT.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"  
ADMINISTRATIVE CLOSURE – AUSTIN

**Map Identification Number 235**

355 EAST 72ND ST

MANHATTAN, NY

**Spill Number: 0011118****Close Date: 03/15/2001**

TT-Id: 520A-0099-225

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1479 feet to the NNW

## ADDRESS CHANGE INFORMATION

Revised street: 355 E 72ND ST

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Affected Persons  
 Caller Name: MARJORIE FORBES  
 DEC Investigator: MXTIPPLE

Spiller:  
 Notifier Name: MARJORIE FORBES  
 Caller Agency: CITIZEN  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone: (212) 889-2688  
 Caller Phone: (212) 889-2688  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/12/2001 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 0                | GALLONS | 0                  | GALLONS | AIR                  |

#### Caller Remarks:

PORTABLE BOILER IN FRONT OF THE BLDG DUE TO THE BLDG'S BOILER NOT WORKING – IT IS A NOXIOUS TYPE FUME FROM THE UNIT

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"  
 MULE BOILER REMOVED

#### Map Identification Number 236



355 E 72ND STREET

NEW YORK, NY

**Spill Number: 0011071**

**Close Date: 12/15/2003**

TT-Id: 520A-0099-224

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 1479 feet to the NNW

#### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Citizen  
 Caller Name: ALEX MILLER  
 DEC Investigator: SIGONA

Spiller: UNKNOWN  
 Notifier Name: ALEX MILLER  
 Caller Agency:  
 Contact for more spill info: ALEX MILLER

Spiller Phone:  
 Notifier Phone: (212) 752-2325  
 Caller Phone: (212) 752-2325  
 Contact Person Phone: (212) 752-2325

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/03/2001 |                     | UNKNOWN        | NO                      | NO                  |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

## Caller Remarks:

Caller states a noxious odor is coming from outside and inside this

building from some type of heater or boiler – comp req call and he can explain further

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

## Map Identification Number 237



355 EAST 72ND ST

MANHATTAN, NY

Spill Number: 0011009

Close Date: 03/15/2001

TT-Id: 520A-0099-223

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1479 feet to the NNW

## ADDRESS CHANGE INFORMATION

Revised street: 355 E. 72ND ST

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Affected Persons

Caller Name: ANONYMOUS

DEC Investigator: MXTIPPLE

Spiller:

Notifier Name: ANONYMOUS

Caller Agency:

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/01/2000 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 0                | GALLONS | 0                  | GALLONS | AIR                  |

## Caller Remarks:

caller lives on the same block and reports fumes/exhaust burning oil smell is coming from a large heating unit which is on a truck parked in the street in front of the address. this has been there for months

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"  
MULE BOILER REMOVED

## Map Identification Number 238



## EAST RIVER

BETWEEN 73RD &amp; 74TH ST.

NEW YORK CITY, NY

Spill Number: 9813041

Close Date: 01/25/1999

TT-Id: 520A-0209-704

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (5)

Approximate distance from property: 1481 feet to the NE

## ADDRESS CHANGE INFORMATION

Revised street: BETWEEN 73RD / 74TH ST.

Revised zip code: UNKNOWN

Source of Spill: UNKNOWN  
Notifier Type: Citizen  
Caller Name: ADEK APFELBAUM  
DEC Investigator: MCTIBBE

Spiller: UNKNOWN  
Notifier Name: ADEK APFELBAUM  
Caller Agency: CITIZEN  
Contact for more spill info: NONE

Spiller Phone:  
Notifier Phone: (212) 794-5100  
Caller Phone: (212) 794-5100  
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 01/24/1999 |                     | UNKNOWN        | NO                      |  | NO                  |  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| RAW SEWAGE       | OTHER          | 0                | GALLONS | 0                  | GALLONS | SURFACE WATER        |

## Caller Remarks:

caller says he can see a large sewage spill in river

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"



ALREADY GONE BY THE TIME SPILL WAS RECIEVED.

**Map Identification Number 239****VS1492**

1260 2ND AVE

NEW YORK, NY

**Spill Number: 1114324****Close Date: 05/09/2012**

TT-Id: 520A-0271-496

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 1492 feet to the WNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: RWAUSTIN

Spiller: CON ED

Notifier Name:

Caller Agency:

Contact for more spill info: CON ED ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: 2125808383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/26/2012 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| TRANSFORMER OIL  | PETROLEUM      | 110.00           | GALLONS | 0.00               | GALLONS |                      |

**Caller Remarks:**

contained in vault. Cleanup pending test results. unknown cause at this time.

**DEC Investigator Remarks:**

Sangesland spoke to ERT desk. Confirmed the 110 gal loss is totally contained within the vault. System is being de-energized and will be cleaned/repared within the next several hours. No fire/danger.

5/9/12 – Austin – Oil loss was due to hole in transformer body – Con Ed drained transformer and washed vault See eDocs files for more info – Spill closed – end

**Map Identification Number 240** **216982; 1260 2 AVE AND 66 ST**  
 1260 2 AVE AND 66 ST

NEW YORK, NY

**Spill Number: 0914238****Close Date: 07/08/2010**  
TT-Id: 520A-0248-690

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 1492 feet to the WNW

## ADDRESS CHANGE INFORMATION

Revised street: 1260 2ND AVE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: dmpokrzy

Spiller: ERT DESK - CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/27/2009 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | UTILITY              |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

07/08/2010

See eDocs for Con Ed report detailing cleanup and closure DMP

**Map Identification Number 241** **209515; E E 59 ST ST**  
 E E 59 ST ST  
 E 59 ST 1av SUTTON PL

, NY

**Spill Number: 0890344****Close Date: 02/05/2008**  
TT-Id: 520A-0218-249

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 1503 feet to the SW

## ADDRESS CHANGE INFORMATION

Revised street: E 59TH ST / 1ST AVE / SUTTON PL

Revised zip code: UNKNOWN

|                   |                       |                              |                       |                       |                |
|-------------------|-----------------------|------------------------------|-----------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | ERT DESK – CON EDISON | Spiller Phone:        |                |
| Notifier Type:    | Responsible Party     | Notifier Name:               |                       | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |                       | Caller Phone:         |                |
| DEC Investigator: | Unassigned            | Contact for more spill info: | ERT DESK              | Contact Person Phone: | (212) 580-8383 |

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 01/17/2008 |                     | UNKNOWN        | NO                      | NO                  |

|                   |                |                  |         |                    |         |                      |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM      | 0.25             | GALLONS | 0.00               | GALLONS | UTILITY              |

Caller Remarks:

SB-11502 F/O 12 E. 59 ST. SPILL-UNKNOWN OIL  
Closed: Agency Approval Not Required

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 242**      **MANHOLE #54570**  
 68TH ST & 2ND AV

MANHATTAN, NY

**Spill Number: 0010365**

**Close Date: 04/06/2001**  
TT-Id: 520A-0099-030

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 1510 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: E 68TH ST / 2ND AVE  
Revised zip code: NO CHANGE

|                   |                  |                              |               |                       |                |
|-------------------|------------------|------------------------------|---------------|-----------------------|----------------|
| Source of Spill:  | UNKNOWN          | Spiller:                     | UNKNOWN       | Spiller Phone:        |                |
| Notifier Type:    | Affected Persons | Notifier Name:               | MR TIMMONS    | Notifier Phone:       |                |
| Caller Name:      | RICHARD ROACH    | Caller Agency:               | CON EDISON    | Caller Phone:         | (212) 580-6766 |
| DEC Investigator: | OKWUOHA          | Contact for more spill info: | RICHARD ROACH | Contact Person Phone: | (212) 580-6763 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 12/15/2000        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 1.00                    | GALLONS | 0.00                | GALLONS | SOIL                 |

## Caller Remarks:

CONED SPILL #134775 / SAMPLES TAKEN, CLEANUP PENDING TEST RESULTS

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

**The following DEC Investigator Remarks were available prior to 1/1/2002:**

## e2mis Notes:

Found 2 quarts of unknown oil mixed with 150 gal of water in MH-54570. Source unknown. Spill onto concrete. Sewer connection as per conduit plate #34-k-2. Samples taken for ID and PCB. PCB count <1ppm. Oil ID could not be run due to insufficient amount of sample.

Cleanup completed 1/22/01 1430hrs. Oil and water mixture removed via tanker under 50ppm. Used high pressure hose to double wash and scrub floor and walls with bio-gen solution. Manhoel rinsed with flush truck. Generated 5 plastic bags non-hazardous waste and transported to E 110th St Yard. Astoria Coporate Transportation tanker under 50ppm accumulated 1,460gal oil and water mixture. KMF 4/9/01.

**Map Identification Number 243****MANHOLE 54570**

E68TH ST/2ND AV

MANHATTAN, NY

**Spill Number: 0009499****Close Date: 04/12/2001**

TT-Id: 520A-0090-626

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1510 feet to the NW

## ADDRESS CHANGE INFORMATION

Revised street: E 68TH ST / 2ND AVE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Affected Persons  
Caller Name: SCHLAGEL  
DEC Investigator: OKWUOHA

Spiller: UNKNOWN  
Notifier Name: CURTIS  
Caller Agency: CON EDISON  
Contact for more spill info: SCHLAGEL

Spiller Phone:  
Notifier Phone:  
Caller Phone: (212) 580-6763  
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/18/2000 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

1 GALLON ON 300 GALLONS OF WATER. CLEAN UP PENDING. CON ED# 134441

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

**The following DEC Investigator Remarks were available prior to 1/1/2002:**

DEC INSPECTOR'S NOTES

CON ED E2MIS REPORT 11-18-00

Approx. 1gal. of unknown fluid and 300 gals. of water found in Mh54570. A report of possible sewer leak going in MH54570 also sewage going into said MH. tag #28731 placed and sample taken. No fire, no smoke, sewer connection nor type of sump has been verified. Cleanup pending lab results.

Aroclor 1254 ppm 0

Sample yielded an insufficient amount of material for an oil identification analysis.

Liquid amount 2075gals. of water and oil  
Cleanup; remove all water and oil and still in the process of washing and scrubbing with slix degreaser.  
Spill source; unknown.

**Map Identification Number 244****2ND AVE SUBWAY PROJECT**2ND AVE/ 67TH STREET  
JUST BELOW SIDEWALK LEVEL

NEW YORK, NY

**Spill Number: 0611013****Close Date: 01/04/2007**

TT-Id: 520A-0098-120

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1516 feet to the NW

**ADDRESS CHANGE INFORMATION**

Revised street: 2ND AVE / E 67TH ST

Revised zip code: 10021

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name:

DEC Investigator: SMSANGES

Spiller: UNKOWN.

Notifier Name:

Caller Agency:

Contact for more spill info: SIRISH MUSTHYALA

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 510-2624

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/02/2007 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

**Caller Remarks:**

TEST TAKEN RESULT BACK IN TWO WEEKS; THIS IS AN ODOR OF FUEL OIL POSSIBLY MIXED WITH ANOTHER MATERIAL; NOT YET CLEANED; FIRST FEW FEET OF SOIL EFFECTED;

**DEC Investigator Remarks:**

Contaminated soil found below the street/sidewalk at this intersection.

Found during construction of 2nd Ave subway project.

No source found, DEP/Transit disposed of material that was removed and will contain the remaining material from impacting the project.

**Map Identification Number 245** **BETWEEN 1ST & 2ND AVE**  
 306 E 71 ST

MANHATTAN, NY

**Spill Number: 0601399****Close Date: 05/08/2006**  
TT-Id: 520A-0097-501

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1520 feet to the NNW

## ADDRESS CHANGE INFORMATION

Revised street: 306 E 71ST ST

Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Local Agency

Caller Name:

DEC Investigator: SFRAHMAN

Spiller:

Notifier Name:

Caller Agency:

Contact for more spill info: MISS TAYLOR

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 535-0388

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/06/2006 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

## Caller Remarks:

Heating oil coming from cap on residential bldg. Running on sidewalk.

## DEC Investigator Remarks:

05/08/06 Sharif Rahman– NYC Sanitation operation,(646)885-4860 was notified. They attempted two times and did n't find any oil on the street to put down sand.Some residual oil was observed under parked cars which could n't be sand down without moving the cars.

**Map Identification Number 246** **APARTMENT BLDG**  
 346 E 62ND ST

MANHATTAN, NY

**Spill Number: 0010907****Close Date: 05/06/2005**  
TT-Id: 520A-0098-399

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1524 feet to the W

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

|                   |                  |                              |                  |                       |                |
|-------------------|------------------|------------------------------|------------------|-----------------------|----------------|
| Source of Spill:  | UNKNOWN          | Spiller:                     |                  | Spiller Phone:        |                |
| Notifier Type:    | Citizen          | Notifier Name:               | JOSEPH ARSENAULT | Notifier Phone:       | (917) 440-9467 |
| Caller Name:      | JOSEPH ARSENAULT | Caller Agency:               | CITIZEN          | Caller Phone:         | (917) 440-9467 |
| DEC Investigator: | SMSANGES         | Contact for more spill info: |                  | Contact Person Phone: |                |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 01/04/2001 |                     | UNKNOWN        | NO                      | NO                  |

|                   |                |                  |         |                    |         |                      |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

Caller Remarks:

SPILL COMING DOWN THE HILL – FUEL OIL IS IN THE SNOW – NO FURTHER

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"

**Map Identification Number 247** **CON ED**  
 330 EAST 63RD ST

MANHATTAN, NY

**Spill Number: 0301456**

**Close Date: 05/12/2003**  
 TT-Id: 520A-0098-403

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 1531 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

|                   |                    |                              |                     |                       |                |
|-------------------|--------------------|------------------------------|---------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL VEHICLE | Spiller:                     | WALTERS PAINTING CO | Spiller Phone:        | (718) 463-6994 |
| Notifier Type:    | Affected Persons   | Notifier Name:               |                     | Notifier Phone:       |                |
| Caller Name:      | PAT KEELAN         | Caller Agency:               | CON ED              | Caller Phone:         | (646) 772-2421 |
| DEC Investigator: | KMFOLEY            | Contact for more spill info: | PAT KEELAN          | Contact Person Phone: | (646) 772-2421 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency



| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 05/09/2003       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| PAINT            |                     | OTHER          | 5.00                    | GALLONS | 0.00                | GALLONS | SOIL                 |

## Caller Remarks:

caller states a 5 gal pail of paint products spilled onto roadway – there is no clean up

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"

## Map Identification Number 248



## 2 AVE SUBWAY PROJECT

69TH AND 2ND AVE  
MTA PROJECT

NEW YORK, NY

Spill Number: 0609744

Close Date: 11/28/2006

TT-Id: 520A-0098-125

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1537 feet to the NW

## ADDRESS CHANGE INFORMATION

Revised street: E 69TH ST / 2ND AVE

Revised zip code: 10021

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Other

Caller Name:

DEC Investigator: SMSANGES

Spiller: MIKE BULLOCK – MTA PROJECT

Notifier Name:

Caller Agency:

Contact for more spill info: MIKE BULLOCK

Spiller Phone: (212) 510-2548

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 510-2548

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 11/27/2006 |                     | OTHER          | NO                      |  | NO                  |  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

Caller Remarks:

FOUND DURING DRILLING:

DEC Investigator Remarks:

part of 2nd Ave subway project

**Map Identification Number 249** **APARTMENT COMPLEX**  
 353 72ND STREET

NEW YORK CITY, NY

**Spill Number: 0012531**

**Close Date: 02/05/2004**  
 TT-Id: 520A-0094-937

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1539 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: 353 E 72ND STREET

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Affected Persons

Caller Name: REFUSED

DEC Investigator: MCTIBBE

Spiller: N/A – APARTMENT COMPLEX

Notifier Name: SAME

Caller Agency: CITIZEN

Contact for more spill info: N/A

Spiller Phone:

Notifier Phone:

Caller Phone: (000) 000-0000 ext. 0

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/22/2001 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | AIR                  |

Caller Remarks:

HEATING UNIT WAS PUT OUT IN FRONT OF THE COMPLEX AND IT IS EMITTING

A STRONG OIL SMELL THERE.THIS UNIT HAS BEEN THERE FOR SOME TIME

---

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"  
no further complaints.

**Map Identification Number 250**



**1 AVE BET 58ND & 62ND ST**  
1 AVE. BET 58TH & 62ND ST

NEW YORK, NY

**Spill Number: 8605776**

**Close Date: 08/31/1987**  
TT-Id: 520A-0102-302

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (5)  
Approximate distance from property: 1546 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 1 AVE. BET 58TH / 62ND ST  
Revised zip code: 10022

Source of Spill: UNKNOWN  
Notifier Type: Fire Department  
Caller Name:  
DEC Investigator: UNASSIGNED

Spiller: UNK  
Notifier Name:  
Caller Agency:  
Contact for more spill info:

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone:

---

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/11/1986 | 08/31/1987          | UNKNOWN        | UNKNOWN                 | NO                  |

---

| Material Spilled | Material Class | Quantity Spilled | Units  | Quantity Recovered | Units  | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| GASOLINE         | PETROLEUM      | -1.00            | POUNDS | 0.00               | POUNDS | AIR                  |

---

Caller Remarks:

UNK GASOLINE ODOR. NO FURTHER COMPLAINTS.

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was " "

**Map Identification Number 251** **STEAM MAIN**  
 EAST 60TH AT 1ST AVE

MANHATTAN, NY

**Spill Number: 1012155**

**Close Date: 03/08/2011**  
 TT-Id: 520A-0262-054

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1546 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: E 60TH ST / 1ST AVE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: RVKETANI

Spiller: NYC DEP

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/08/2011 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class     | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|--------------------|------------------|---------|--------------------|---------|----------------------|
| ASBESTOS         | HAZARDOUS MATERIAL | 0                | UNKNOWN | 0                  | UNKNOWN | SOIL, UTILITY        |

## Caller Remarks:

A steam pipe is being removed and has the potential to release asbestos– no loss at this time.Measures are being taken to prevent loss nrc 969470

## DEC Investigator Remarks:

3/8/11 – Raphael Ketani. A water main broke due to a failure on its own. I spoke to Dennis McLeetis at Con Ed ERT Desk (212) 580-6763. He said that the water main simply ruptured. Con Ed was not working on in the area. It is next to a Con Ed steam main. Once the water main broke the area filled with water and submerged the steam main. There was no release of asbestos, but Con Ed was required to report the incident. Right now (12:15PM), DEP has shut off the water to the main and the water is subsiding. Con Ed personnel will look at the steam main soon. Con Ed shut off the steam main as a precautionary measure.

I contacted Con Ed's ERT Desk a little while later. The person at the Desk said that there would not be an EMIS number issued for this incident.

Later, I contacted Mr. McLeetis regarding the final details about the incident. He told me that the asbestos covering on the steam pipe was not affected by the flooding. He added that traffic has resumed through the area.

As the asbestos was not affected by the water main break, I have closed the spill case.

**Map Identification Number 252****MANHOLE #58563**

EAST 60TH ST/1ST AVE

MANHATTAN, NY

**Spill Number: 0303664****Close Date: 08/27/2003**

TT-Id: 520A-0090-121

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1546 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: MARK SCHLAGEL  
 DEC Investigator: SKARAKHA

Spiller: UNKNOWN  
 Notifier Name: MRS MCQUEEN  
 Caller Agency: CON EDISON  
 Contact for more spill info: MARK SCHLAGEL

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/08/2003 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 9.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

Above material discovered at above location on top of 500 gallons of water. Sample to be taken and cleanup is pending results.

Con Ed #149143. Feeder #38m73f was retired at location.

**DEC Investigator Remarks:**

Con Ed e2mis #149143:

On July 08, 2003, R. Davis mech B of Transmission Operations reported approximately 9 gallons of unknown oil and approximately 500 gallons of water in manhole 58563. Source and cause is unknown. All contained in manhole. Chem. Lab is scheduled to take samples in an hour. Feeder no. is D38M73F, per F. Acosta supervisor, 15856, feeder is retired as far as electrical, but pressure is still fed into the feeder.

Aroclor 1242 < 1.0 ppm EPA 608/8082

Aroclor 1254 < 1.0 ppm EPA 608/8082

Aroclor 1248 < 1.0 ppm EPA 608/8082

Aroclor 1260 < 1.0 ppm EPA 608/8082

Entered by LCParetsky(Transmission Operations)

#### SPILL CLEANUP CHECKLIST

Incident No.: 149143

Completing Checklist: F ACOSTA SUPERVISOR, 15856

Material discovered: LUBRICATING OIL

Sample ID No.: 03-05688-001

PCB: YES – 03-05664-001

Amount Discovered: 9 GALLONS

Spill Discovered: JULY 8, 2003, 10:15 A.M.

Location of spill: E. 60TH ST W/O 1 AVE.

Cleanup Activiies: REMOVED/RECOVERED LIQUID/SOLIDS, REMOVED VISIBLE TRACES OF OIL, WASHED STAINED AREAS

Transporation: CON EDISON TRANSPORTATION

Contractor: CLEAN HARBORS

Cleanup: 07/09/03

CLEANUP COMPLETE, SUBMITTED TO NYSDEC FOR APPROVAL

**Map Identification Number 253** **281 MAIN STREET**  
 281 MAIN STREET

ROOSEVELT ISLAND, NY

**Spill Number: 9307482****Close Date: 08/07/1995**  
TT-Id: 520A-0096-949

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING – LARGE SITE  
 Approximate distance from property: 1548 feet to the S

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: 10044

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: BOB KELTON  
 DEC Investigator: JOE MANDALA

Spiller: NYC DOT-QUEENSBOROUGH BRI  
 Notifier Name:  
 Caller Agency: ROOSEVELT IS. RAQUET CLUB  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 935-0250  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/17/1993 | 08/07/1995          | UNKNOWN        | UNKNOWN                 | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | UNKNOWN | 0                  | UNKNOWN | SURFACE WATER        |

## Caller Remarks:

SAND BLASTING ON QUEENS BOROUGH BRIDGE SETTING ON ROOSEVELT ISLAND AND EAST RIVER – LARGE AFFECTED AREA OF BLACK FARRY SUBSTANCE.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

**The following DEC Investigator Remarks were available prior to 1/1/2002:**

10/10/95: This is additional information about material spilled from the translation of the old spill file: BLACK MAGIC SAND BLU.

**Map Identification Number 254** **PRIVATE DWELLING**  
 512 EAST 74TH STREET

MANHATTAN, NY

**Spill Number: 0801261****Close Date: 05/01/2008**  
TT-Id: 520A-0214-852

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 1551 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
Notifier Type: Responsible Party  
Caller Name:  
DEC Investigator: SFRAHMAN

Spiller: ERTSDESK – PRIVATE DWELLING  
Notifier Name:  
Caller Agency:  
Contact for more spill info: ERTSDESK

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/01/2008 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 300.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

a coned employee was going to above to work and found the oil in basement: nrc has been notified due to floor drain

**DEC Investigator Remarks:**

05/01/08–I responded to the site. This is a Auto Repair shop. I checked the said oil spill (reported by Con Ed) location, there was no oil spill but water from the boiler. Two waste oil tanks unregistered, two 275 #2 oil tank. Shop Manager Goordap Sombat @ (212) 288.0173. Mr Sombat has been told to register the tanks. (sr)

see eDocs for ConEd report 211140.

**Map Identification Number 255**      **213285; 508 E 74 ST**  
 508 E 74 ST

NEW YORK, NY

**Spill Number: 0814399**

**Close Date: 08/26/2008**  
TT-Id: 520A-0248-745

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)  
Approximate distance from property: 1564 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: 508 E 74TH ST  
Revised zip code: 10021



|                   |                       |                              |                       |                       |                |
|-------------------|-----------------------|------------------------------|-----------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | ERT DESK – CON EDISON | Spiller Phone:        |                |
| Notifier Type:    | Responsible Party     | Notifier Name:               |                       | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |                       | Caller Phone:         |                |
| DEC Investigator: | DMPOKRZY              | Contact for more spill info: | ERT DESK              | Contact Person Phone: | (212) 580-8383 |

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 08/21/2008 |                     | UNKNOWN        | NO                      | NO                  |

|                   |                |                  |         |                    |         |                      |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | UTILITY              |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 256**      **213281; 508 E 74 ST**  
 508 E 74 ST

NEW YORK, NY

**Spill Number: 0814397**

**Close Date: 08/26/2008**  
 TT-Id: 520A-0248-744

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 1564 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: 508 E 74TH ST  
 Revised zip code: 10021

|                   |                       |                              |                       |                       |                |
|-------------------|-----------------------|------------------------------|-----------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | ERT DESK – CON EDISON | Spiller Phone:        |                |
| Notifier Type:    | Responsible Party     | Notifier Name:               |                       | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |                       | Caller Phone:         |                |
| DEC Investigator: | DMPOKRZY              | Contact for more spill info: | ERT DESK              | Contact Person Phone: | (212) 580-8383 |

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 08/21/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | UTILITY              |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 257 CON EDISON EAST 74 GENERATING STATION**



506 EAST 74 TH ST

MANHATTAN, NY

**Spill Number: 0913368**

**Close Date: 05/21/2010**

TT-Id: 520A-0249-302

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (5)

Approximate distance from property: 1571 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: 506 E 74TH ST

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: RWAUSTIN

Spiller: CON ED

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/19/2010 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 50.00            | GALLONS | 0.00               | GALLONS |                      |
| LUBE OIL         | PETROLEUM      | 50.00            | GALLONS | 0.00               | GALLONS |                      |

Caller Remarks:

spill contained/clean up pending

DEC Investigator Remarks:

03/19/10-Vought-Duty desk officer. Spill assigned to DEC Feroze as part of routine Con Ed portfolio review and possible closure.

Initial EMIS #220730 edoc'd and deleted from Proxy.

5/21/10 – Austin – Lube oil spill from cooler fan unit – Contained and cleaned up by Con Edison – see eDocs for further info – spill closed – end

**Map Identification Number 258** **CORNER OF 1ST AVE AND**  
 **EAST 73RD STREET**

MANHATTAN, NY

**Spill Number: 0101583**

**Close Date: 05/14/2001**  
 TT-Id: 520A-0101-791

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 1578 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: FIRST AV / EAST 73RD STREET  
 Revised zip code: UNKNOWN

Source of Spill: UNKNOWN

Notifier Type: Citizen

Caller Name: DAN WEINSTEIN

DEC Investigator: MCTIBBE

Spiller: UNKNOWN FOR NOW

Notifier Name: SAME

Caller Agency: CITIZEN

Contact for more spill info: N/A

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/10/2001 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 0                | GALLONS | 0                  | GALLONS | AIR                  |

Caller Remarks:

THIER IS TWO NITROGEN TANKS ON THE CORNER AND ONE IS LEAKING LIQUID NITROGEN GAS.

THE TANKS ARE 5 FEET IN SIZE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"

NOTIFIED NYCDEP. LIQUID NITROGEN NOT A HAZ MAT. DEP BELIEVES IT BELONGED TO VERIZON. THEY USE THE SUBSTANCE ON THEIR CABLES UNDERGROUND. THE CONTAINER WAS PROBABLY NOT LEAKING. THE BOTTLES VENT.

**Map Identification Number 259** **ON BLUESTONE**  
 E 63RD ST SUBSTATION

MANHATTAN, NY

**Spill Number: 9914221**

**Close Date: 06/01/2005**  
 TT-Id: 520A-0099-085

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1605 feet to the W

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Local Agency

Caller Name: RICHARD ROACH

DEC Investigator: JHOCONNE

Spiller: CALLER - CON ED

Notifier Name: STEVE BOSZE

Caller Agency: CON EDISON

Contact for more spill info: RICHARD ROACH

Spiller Phone: (212) 580-6763

Notifier Phone: (212) 338-3352

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/16/2000 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

UNK HOW PRODUCT SPILLED - 1/2 GALLON TO BLUESTONE - SAMPLE TAKEN CLEAN UP PENDING RESULTS

CON ED #130436

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

e2mis no. 130436:

16-MAR-2000 14:35HRS -- TRANSFORMER#5 -- 321 E.63ST SUBSTATION B.Contino#16863 Substation Operator reports Mr.E.Galloza#80867 found approx 1/2 gallon (32-ounces) unknown fluid on section of cable that was pulled from a duct....Approx 1-ounce fell onto concrete floor which will be cleaned up as 49-499ppm....Cable that was pulled is laying on top of bluestone/ soil with remaining unknown fluid...Cable is covered with a tarp to protect from rain....Chem-lab has been notified to take sample...Sign#s-01250 placed....Clean up pending test results...

Update to this ticket --- Cable was pulled from duct in structure of Transformer#5....

Lab-Results For E.63 St. V-#5 Are As Follows: Aroclor 1260 10 PPM

Lab-Seq# 00-12510

03/17/00

Operator reports that spill was cleaned up at the time of the report.

11/26/04

The exact source of fluid was not known. There was no other fluid other than what was recovered. The vault was excavated and lined with concrete since the incident.

**Map Identification Number 260** **EAST 63RD SUBSTATION**



321 E 63RD ST

NEW YORK, NY

**Spill Number: 9913510**

**Close Date: 11/16/2004**

TT-Id: 520A-0099-053

#### MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1605 feet to the W

#### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: JIMMY FOX

DEC Investigator: JHOCONNE

Spiller: CON ED

Notifier Name: F. CURTIS

Caller Agency: CON ED

Contact for more spill info: JIMMY FOX

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 02/29/2000       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN MATERIAL |                     | OTHER          | 1.00                    | GALLONS | 0.00                | GALLONS | SOIL                 |

Caller Remarks:

leak from feeder line 69m06 --- clean up pending sample taking. con ed 130180.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

Con Ed e2mis #130180:

2/29/00 Operator found 1pt unknown fluid sweating from insulating tape in bank #5 on secondary bushing (fdr 69M06). Area affected by this spill is a plate from the secondary throat of transformer. Plate will be removed and placed in drum for disposal pending results. Transformer is being replaced so the source of the leak will be eliminated.

Unit was replaced in March 2000.

1.6.04

In October of 2003 as per an agreement with the NYSDEC all bluestone was removed from the vault an an impervious moat was poured in concrete. A monitoring well has been installed in the vault as well. The old transformer was replaced in 2000.

~~~~~  
DEC Inspector Notes:

Track under spill # 0011488. (JHO)

Map Identification Number 261**MANHOLE 59734**

EAST 63RD ST SUBSTATION

MANHATTAN, NY

Spill Number: 9909895

Close Date: 02/06/2004

TT-Id: 520A-0099-090

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1605 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 321 E 63RD ST

Revised zip code: 10021

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: RICHARD ROACH
DEC Investigator: COMENALE

Spiller: UNKNOWN
Notifier Name: MR COOK
Caller Agency: CON EDISON
Contact for more spill info: RICHARD ROACH

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/15/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	15.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

OIL ON 8000 GALS OF WATER. CLEAN UP PENDING. CON ED 128-996

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 262 **EAST 63RD ST SUBSTATION**
 321 E 63RD ST

NEW YORK, NY

Spill Number: 9909031

Close Date: 02/22/2002
 TT-Id: 520A-0099-055

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1605 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEVEN CRIBBIN

DEC Investigator: CAENGELH

Spiller: CON EDISON

Notifier Name: HARRIS

Caller Agency: CON ED

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-8576

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/25/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

FOR FEEDER 25M52 – 2 OUNCES OF A BLACK PETROLEUM – CASE #128637 – BEING CLEANED UP AS 50-499PPM

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

Map Identification Number 263**CAPACITOR BANK #1**

E. 63RD ST SUB – 321 E63R

MANHATTAN, NY

Spill Number: 9900605**Close Date: 01/29/2004**

TT-Id: 520A-0099-074

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1605 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 321 EAST 63RD ST

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEVE ROMARO

DEC Investigator: JHOCONNE

Spiller: STEVE ROMARO – CON EDISON

Notifier Name: MR RUSSO

Caller Agency: CON ED

Contact for more spill info:

Spiller Phone: (212) 580-6763

Notifier Phone: (212) 338-3352

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/16/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CAPACITOR BANK CAN FAILED ON A- PHASE – SPILL CONTAINED CLEAN UP

WILL BE DONE WHEN THEY TAKE THE EQUIPMENT OUT OF SERVICE

CON ED #124275

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

CON ED E2MIS 124275 NOTES

Approx. 1/2 gal. of non PCB oil on the concrete floor in CAP Bank #1 "A" at 63 ST. Substation. The spill is not contained at

this time. C. Silveri is waiting for the equipment to be deenergized to contain the spill and inspect the equipment. There is a sign that reads "Non PCB oil" on the equipment. The spill did not enter the sewers or waterways. The spill will be cleaned up by substation's Maint. dept when the equipment is deenergized and grounded.

4-16-99 12:50

Cleanup was completed by substation maintenance. The concrete floor was cleaned with simple green and rags. The capacitor that was leaking was removed. It contains WEMCOL oil, non PCB (stated on the manufacturer's label)

Map Identification Number 264 **EAST 63 RD SUBSTATION**
 321 EAST 63RD ST

NEW YORK, NY

Spill Number: 9800522

Close Date: 05/26/1998

TT-Id: 520A-0099-082

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1605 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEVE ROMERO

DEC Investigator: CAENGELH

Spiller: STEVE ROMERO - CON EDISON

Notifier Name: DELAHOZ

Caller Agency: CON ED

Contact for more spill info: STEVE ROMERO

Spiller Phone: (212) 580-6763

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/13/1998		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

UNCAPPED UNUSED CABLE LEAKED PRODUCT ONTO CONCRETE PAD CONTAINED WITHIN VAULT - 3 OZ OF PRODUCT UNK PCB COUNT NO CLEAN UP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 5/22/98 e-mail from Con Ed ERT Lukshides:

Cleanup complete May 18, 1998 with simple green degreaser and speedy dry. Cable ends sealed.

6/12/98 e-mail from ERT Lukshides responding to questions in e-mail from Engelhardt:

PCB count cleaned as 50 -499. Spill Cleaned? How? yes, 18May98 @ 1145 using simple green (degreaser) and pads. Defective equipment repaired, replaced? cut cable ends properly sealed 15 May 98.

e2mis 116062

ENV. E. DE LA HOZ, 79237, REPORTED THAT APPROX 3 OZ OF CABLE OIL LEAKED FROM INACTIVE CABLE IN LIGHT & POWER TRANSFORMER 1 AREA, IN E 63RD ST SUBSTATION (INSIDE CAGE). THE OIL AFFECTED A SMALL AREA OF CONCRETE.

NO DRAINS OR WATERWAYS WERE AFFECTED.

THE LEAK IS NOT ACTIVE. A PAD WILL BE PLACED ON THE CONCRETE TO CONTAIN ANY FUTURE LEAK.

THE INACTIVE CABLE, 1C 13KV, APPEARS TO BE PAPER & OIL INSULATED. IT WAS CUT IN THE CLEAR AND LEFT IN PLACE WHEN THE LIGHT & POWER TRANSFORMER WAS TRANSFERRED TO ANOTHER FEEDER. THE CABLE NEEDS TO BE PROPERLY CAPPED OR REMOVED.

THE TRANSFORMER MUST BE DEENERGIZED FOR ACCESS TO THE LEAK AREA AND RESOLUTION OF THE PROBLEM. THE JOB WILL BE COORDINATED WITH THE UNDERGROUND.

THE PCB COUNT IS UNKNOWN (ASSUME 50-499 PPM). A SAMPLE MAY BE TAKEN WHEN THE EQUIPMENT IS DEENERGIZED.

1406 HRS CIG ROMERO NOTIFIED.

15-MAY-98

R. O'NEIL REPORTS THAT THE ENDS WERE PROPERLY SEALED TODAY. THEY DECIDED NOT TO PERFORM THE CLEANUP BECAUSE THEY FELT SUBSTATION PEOPLE SHOULD DO IT. THIS WILL EXTEND THE TIME THE REPORT REMAINS OPEN.

A SAMPLE WAS TAKEN AND WILL BE SENT TO ASTORIA LABS FOR ANALYSIS.

1-5 GAL DRUM OF WASTE WAS COLLECTED AND PLACED IN THE WASTE STORAGE AREA PENDING LAB RESULTS.

18-MAY-1998 11:45

THE AFFECTED AREA OF THE CEMENT FLOOR IN THE L&P #1 COMPARTMENT WAS CLEANED USING SIMPLE GREEN (A DEGREASER) AND

SPEEDY DRY.

THE INCIDENT WILL BE CLOSED.

Map Identification Number 265 **63 ST SUBSTATION**
 321 EAST 63RD ST

NEW YORK, NY

Spill Number: 9602023

Close Date: 07/16/1997
 TT-Id: 520A-0099-068

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1605 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: TIM SOLICH

DEC Investigator: JHOCONNE

Spiller: RICHARD ROACH – CON EDISON

Notifier Name: BILL IMMOOR

Caller Agency: CON ED

Contact for more spill info: TIM SOLICH

Spiller Phone: (212) 580-6764

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/10/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	10.00	GALLONS	10.00	GALLONS	SOIL

Caller Remarks:

FEEDER LINE TO A TRANSFORMER LEAKED ABOUT 10 GALS. SPILL IN PROCESS

OF BEING CLEANED UP BY CON ED. AND SHOULD BE DONE BY 11-59 HRS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 CLEANED BY RP.

Map Identification Number 266**EAST 63RD ST SUNSTATION**

321 EAST 63RD ST

MANHATTAN, NY

Spill Number: 0909137**Close Date: 01/21/2010**

TT-Id: 520A-0233-962

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1605 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Local Agency

Caller Name:

DEC Investigator: mxferoze

Spiller: UNKNOWN

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/15/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Clean up in progress-taking samples for analysis.

DEC Investigator Remarks:

01/21/10 – See eDocs for Con Ed report detailing cleanup and closure.

Map Identification Number 267**E63RD ST SUBSTATION – MH00001**

321 E 63RD ST

NEW YORK, NY

Spill Number: 0407383**Close Date: 12/23/2005**

TT-Id: 520A-0099-111

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1605 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: RON SCHLAGEL
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name: MR MORAN
 Caller Agency: CON ED
 Contact for more spill info: ERT DESK

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-8383
 Contact Person Phone: (212) 580-8383

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
10/03/2004		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

400 GALLONS WATER IN MANHOLE REF NUMBER 155662

DEC Investigator Remarks:

e2mis no. 155662:

10-3-04 @ 18:15

H Balaguer #39485 reports that while doing dead cable work in e 63 st sub station, he discovered 1 gallon of unknown oil ontop of 400 gallons of water in station m00001. Source and cause of spill are unknown. No dielectric filled feeders in the structure. 2 liquid samples were taken, 1 for id and 1 for pcb. Cleanup is pending sub station personnel.

Update 10-4-04 @ 03:14

Lab Sequence Number: 04-07930-001

Aroclor 1242 < 1.0 ppm EPA 608/8082

Aroclor 1254 < 1.0 ppm EPA 608/8082

Aroclor 1248 < 1.0 ppm EPA 608/8082

Aroclor 1260 < 1.0 ppm EPA 608/8082.....J Moran #01182

12-4-04 @ 18:11

Lab Sequence Number: 04-07941-001

the presence of oil was not detected in the sample.....J Moran #01182

Update 1-11-05 @ 16:05

C Pearson # 50628 reports that the cleanup is complete as of 16:00. Single washed with soap & water. 3 barrels of arc proofing, debris & arms removed from structure. No visible source of the spill was observed.....J Moran # 01182

Map Identification Number 268**SUBSTATION**

321 EAST 63RD ST

NEW YORK, NY

Spill Number: 0310352**Close Date: 02/03/2004**

TT-Id: 520A-0099-101

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1605 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 321 E 63RD ST

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name: PAUL DIDONETO
DEC Investigator: AERODRIG

Spiller: unknown
Notifier Name: PAUL DIDONETO
Caller Agency: CON ED
Contact for more spill info: 24/7 DESK

Spiller Phone:
Notifier Phone: (212) 580-6764
Caller Phone: (212) 580-6764
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/05/2003		OTHER	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL**Caller Remarks:**

pot head blew. insulatum ounces spilled. all other info basically unknown.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"

On 1/ @ 14:15 B Contino # 16863 of SSO reported to me that @ 14:10 he discovered a spill of insulatum while working on Light & Power # Cubicle. Three ounces of insulatum was found on the metal floor. The substance came from a leaky Pothead. Environmental tag # S 01714 was hung. Two samples will be taken for PCB and ID.

12/31/01

On the next shift Underground obtained the outage on the L&P and cleaned up the 3 ounces of Non PCB insulatum using pads and simple green. The pothead was clean and no further leaking evident. - P.keelan

Map Identification Number 269 EAST 63RD ST SUBSTATION

321 EAST 63RD ST

NEW YORK, NY

Spill Number: 0211624**Close Date: 02/25/2003**

TT-Id: 520A-0099-096

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1605 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: ANDREW MORRIS

DEC Investigator: KMFOLEY

Spiller: CON EDISON

Notifier Name: MR PAGANO

Caller Agency: CON EDISON

Contact for more spill info: ANDREW MORRIS

Spiller Phone: (212) 580-6763

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/23/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller states that there is a sheen on 10,000 gallons of water – spill is contained to the vault – not cleaned up yet – vault is above ground – con ed 147259 – 50 ppm – clean up pending tanker availability

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
See spills 0011488, 0009496, 0009089, 0007628

Con Ed e2mis #147259:

2/23 @ 15:57

At 15:30 P Keelan # 19995 of SSO reported a sheen of oil in Transfromers 5 & 6 on standing water of 10,000 gallons. Feeder 69M06 is on these Units. No sewer/waterways affected, no injuries, no private property affected. The source and the cause of this spill is unknown The spill was on standing water. The Environmental tag # S 01716 was hung. Historic sample less than 50 with LSN # 03-0557. Cleanup pending tanker availability to Vacuum out Vault. Will try for tonight 2/23/2003 or Monday. There are two other open incidents on Transformer #5. # 133671 and # 135201.

Map Identification Number 270 **63RD STREET SUB STATION**
 321 EAST 63RD ST

NEW YORK, NY

Spill Number: 0103439**Close Date: 03/19/2003**
TT-Id: 520A-0099-036

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1605 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: CHARLIE MCCARTHY

DEC Investigator: JHOCONNE

Spiller: SAME - CON ED

Notifier Name:

Caller Agency: CON EDISON

Contact for more spill info: CHARLIE MCCARTHY

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6765

Contact Person Phone: (212) 580-6765

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/28/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

UNK CAUSE - MATERIAL LEAKING ON BLUE STONE AT SITE -- THERE IS

A DRIP THAT HAS NOT BEEN LOCATED YET - THERE WAS ALSO A SMOKE

CONDITION AT THE SITE - CON ED SPILL NUMBER HAS NOT BEEN ASSIGNED

LEAK IS AT TRANSFORMER #3 AT LOCATION - NO PRIVATE PROPERTY /SEWER

OR WATERWAY AFFECTED - NO FIRE AT LOCATION - UNK IF THE MATERIAL IS

PCB OR NON PCB AT THIS TIME

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead DEC Field was "O'CONNELL"

1948 - CALLED MCCARTHY. TRANSFORMER OFFLINE. SMOKE BUT NO FIRE. FDNY NOT CALLED. CREW CLEANING AND TRYING TO LOCATE SOURCE OF DRIP.

Con Ed e2mis #137951:

28-JUNE-2001 20:00 hrs

Substation Operator M.Amerling #20393 was conducting an inspection in V3 Transformer #3 located @ E.63rd St Sub-Station Located @ 321 E.63rd St. when he discovered approximately (5) gallons of transformer oil spilled onto the bluestone in the structure. This vault is off the feeder run of 69M05. There is no dielectric-feeder in the structure. The station operator applied oil absorbant pads down in the structure. No sample was taken due to the station having a current PCB history report which is 10PPM. Yellow tag #S01196 was hung in the structure.

Clean Up was completed on Jun 29, 2001 by 0700. After the clean up was completed the oil was removed from the unit to repair the contactor which was damaged in the failure that caused this spill and possibly e2MIS #137911. The oily bluestone was removed and placed into drums and the oily surfaces of the transformer were wiped using simple green.

Map Identification Number 271 **63RD STREET SUB-STATION**
 321 EAST 63RD STREET

NEW YORK, NY

Spill Number: 0012215

Close Date: 07/27/2005
 TT-Id: 520A-0099-038

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1605 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name: RICHARD ROACH
 DEC Investigator: JHOCONNE

Spiller: CON EDISON
 Notifier Name: WAYNE BOOMER
 Caller Agency: CON EDISON
 Contact for more spill info:

Spiller Phone: (212) 580-6763
 Notifier Phone:
 Caller Phone: (212) 580-6763
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/13/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN HAZARDOUS MATERIAL	HAZARDOUS MATERIAL	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

16 OUNCES OF UNKNOWN MATERIAL. POSSIBLY COMING FROM A DISTRIBUTION FEEDER CABLE. SPILLED ONTO CONCRETE. SAMPLES TAKEN. CLEAN UP PENDING TEST RESULTS. CON EDISON REFERENCE NUMBER NOT AVAILABLE AT THIS TIME.

DEC Investigator Remarks:

This incident was originally entered under the incorrect site "Unit Substation-East 64th Street", e2MIS Number 135509. The incident has been re-entered under the correct site "E.63rd St" e2MIS 136081.

02/13/01 14:53 hrs.

Mechanics Prandip Roopaiarine #189919 & Efrain Aroyo #52569 sub-station maintenance were conducting a routine inspection on feeder breaker 20m022 Pos.#2 when they discovered insulatum substance coming from the pothead they then reported the spill to senior operator Mitch Amerling #20393 Ph.#212-588-0296 the senior oper. reported that there was approximately 16oz. of insulatum substance that spilled onto the breakers concrete floor. A tag was hung tag #S01227 . The sub-station operator has contacted the chemlab to come & take samples of the substance. Oil absorbant pads were placed down in the structure & cleanup is pending test results. - Con Ed e2mis #136081:

Based on a reievw of the outlook folders it does not appear that samples were taken from this incident. S. Hanebuth - 85259

Station Supervisor W. Mowatt reports that the spill was cleaned up the same day by Station Operator R. Macknight, using simple green and rags. The waste was placed into a drum.

11.26.04

The pothead is not leaking.

The repairs to the leaking potheads were made at the time of the incident by electrical distribution mechanics. P.Keelan

Map Identification Number 272



VAULT 5

321 E.63RD ST SUBSTATION

MANHATTAN, NY

Spill Number: 0011688

Close Date: 01/30/2001

TT-Id: 520A-0099-086

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1605 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: EAST 63RD ST SUBSTATION

Revised zip code: 10021

Source of Spill: UNKNOWN

Notifier Type: Affected Persons

Caller Name: CHARLIE MCCARTHY

DEC Investigator: KMFOLEY

Spiller: UNKNOWN - UNKNOWN

Notifier Name: CHARLIE MCCARTHY

Caller Agency: CON EDISON

Contact for more spill info: CALLER

Spiller Phone:

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/29/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	400.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

discovered oil leaking into the vault from the ground. through the tests it has been found that the oil is closest to being dielectric fluid. same thing happened on the 1/24/01 was cleaned and now it has happened again coned #135201

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 Con Ed called in this second spill number for an on going problem. Closing this number. Refer to spill #0011488.

Map Identification Number 273 **E 63RD ST SUB STATION**
 321 E 63RD ST

NEW YORK, NY

Spill Number: 0011488

Close Date: 08/27/2008
 TT-Id: 520A-0099-037

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1605 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: MARK SCHLAGEL
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name: MR PELLIGRENO
 Caller Agency: CON EDISON
 Contact for more spill info: MARK SCHLAGEL

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
01/24/2001		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	500.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

poss home heating oil – poss a 3rd party spill from a adjacent building to the sub station – ref#135201

DEC Investigator Remarks:

08/27/08 – See eDocs for Con Ed report detailing cleanup and closure.

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"

4/2/01 – transferred from Okwuoha to Foley. See also spill # 0011688.

6/22/07: spill submitted for closure by Con Ed. Request rejected, with comment: "Awaiting futher information from SSO Pfeiffer and Cotronei regarding soil sampling." (JHO)

~~~~~  
Con Ed e2mis #135201:

1/24/01 0840hrs

Mitch Armstrong, substation operator, reports he found 1000gal oil and water in transformer vault 5. Operator was in the process of adjusting the bus voltage in station #1 via the tap changer on bank 5 when he discovered the spill. All of the bluestone in transformer vault 5 had been previously removed. Fluid is in a trough between the foundation support beam and the vault wall. It looks like black crude oil that has migrated into the station from the street or an adjacent building. Estimate approx 500gal oil and 500gal water. Source of fluid is unknown. Transformer is not leaking and is not the source of spill.

1/24/01 1446hrs

LSN 01-00733, 18ppm PCB

1/24/01 2000hrs

Clean Harbors arrived on site with a 3000gal vacuum truck and were unable to access the site because of the position of the cars parked on 64th St. Cannot operate truck late tonight due to surrounding residential buildings. Will return in morning. Oil is in the bottom of the moat in an area separated by a concrete beam. Area is approx 18" wide and 40' long. Oil appears to be less than one inch deep on top of the 1' of water. The water on the other side of the beam only had some small drops of oil.

Oil ID results indicate oil is similar to dielectric fluid.

1/24/01 2123hrs

Updated reports faxed to Jennifer Rommel, NYSDEC and Chris Haas, NYCDEP.

1/25/01

Clean Harbors removed the oil/water mixture from the west side of the grade beam and placed water into drums. Checked with operator at 2030hrs and no additional oil was present.

1/26/01 Station operator reported at 0800hrs that some additional oil was present in vault. SSO staff placed pads in vault to absorb oil.

1/30/01 0045hrs

Operator reports that on 1/29/01 at 2345hrs, found approx 300–400gal of unknown oil in vault 5 pushing up from ground.

2/21/01 Stu Hanebuth, Env Spec, inspected vault and found that water now has much less oil floating on top than it did when incident was first reported. Area has been pumped out several times and absorbants have been placed on the water to collect the oil. Estimate oil is approx 8oz.

Soil borings and monitoring wells were installed by Jacques Whitford as per a DEC approved workplan. The following is a summary of the daily activities in transformer vault #5 provided by Jacques Whitford:

2/4/02:

Five soil borings, designated T5–SB–1 through T5–SB–5 and one well, designated MW–1 were installed in the transformer No. 5 vault. The soil borings were installed using hand auger. Well installation was facilitated using a vacuum truck. Conditions encountered at each boring location and monitoring well construction details are summarized below.

Saturated soil conditions were encountered from approximately 0.5 to 1.0 foot below ground surface. Separate–phase product was observed floating on water in the open boreholes. The soil below the top of the saturated zone to the boring bottoms was saturated with water and oil. Clean soil, or soil that did not contain residual oil, was not encountered in any of the borings. However, soil in the bottom foot of boring T5–SB–3 appeared to be less impacted than the overlying soils and the soil in the bottoms of the other borings. This relatively clean interval also represented a change of lithology.

MW–1: Was installed in soil boring T5–SB–2. As a result of enlarging the soil boring, the surrounding soil subsided and created a depression with a radius of 1.5 to 2 feet around the well in which oil accumulated. The well was constructed using an 8–foot long screen with approximately three feet below the water table. Perforated 8–inch diameter outer casing was installed from the screen bottom to approximately 8 feet above ground surface. This casing was left in place as a protective barrier for the well during backfilling of the vault with bluestone.

2/6/02:

MW–2 installation was completed in Transformer No. 5 vault at boring T5–SB–5. A four foot section of 8–inch diameter outer casing was added to the existing section of perforated casing previously installed to an elevation of 4 feet above ground surface. The 4–inch diameter well screen and casing extends to approximately 9.5 feet above ground surface. A 4–foot long section of outer casing was added to extend the outer casing to approximately 8 feet above ground surface. Sand pack was then added to the annulus between the well casing/screen and the outer

casing to a height of approximately 4 feet above ground surface. A 1.5-foot thick layer of bentonite was placed above the sand pack.

**Map Identification Number 274** **E 70TH ST & 2ND AVE**  
 E 70TH ST & 2ND AVE

NYC, NY

**Spill Number: 9105360**

**Close Date: 08/18/1991**  
 TT-Id: 520A-0090-901

#### MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1608 feet to the NW

#### ADDRESS CHANGE INFORMATION

Revised street: E 70TH ST / 2ND AVE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Local Agency  
 Caller Name: PO SWEENEY  
 DEC Investigator: MCTIBBE

Spiller:  
 Notifier Name:  
 Caller Agency: NYPD  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 452-0600  
 Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/18/1991 | 08/18/1991          | UNKNOWN        | UNKNOWN                 | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| SYRINGES         | OTHER          | 50.00            | UNKNOWN | 0.00               | UNKNOWN | SOIL                 |

Caller Remarks:

REFERRED TO NYC SANITATION

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"  
 / / : REFERRED TO ECO'S.

**Map Identification Number 275** **208608; E 70 ST**  
 E 70 ST  
 E 70 ST S35W 2 AV

, NY

**Spill Number: 0890452****Close Date: 08/16/2010**  
TT-Id: 520A-0218-243

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1608 feet to the NW

## ADDRESS CHANGE INFORMATION

Revised street: E 70TH ST / 2ND AVE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: JMZALEWS

Spiller: ERT DESK – CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/22/2007 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 2.00             | GALLONS | 0.00               | GALLONS | UTILITY              |

## Caller Remarks:

V5447 – E 70 ST &amp; SECOND AV – SPILL-DIELECTRIC

Pending: Operational Necessity for Business Units Other Than S&amp;TO or SSO

## DEC Investigator Remarks:

08/16/2010

See eDocs for Con Ed report detailing cleanup and closure DMP

**Map Identification Number 276**      **74TH ST & FDR DRIVE**  
 74TH ST / FDR DRIVE

MANHATTAN, NY

**Spill Number: 9502953**

**Close Date: 06/10/1995**  
 TT-Id: 520A-0101-789

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 1619 feet to the NE

## ADDRESS CHANGE INFORMATION

Revised street: E 74TH ST / F.D. ROOSEVELT DR

Revised zip code: 10021

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: ALBERT GORDON  
 DEC Investigator: SIGONA

Spiller: UNKNOWN  
 Notifier Name:  
 Caller Agency: NYC DEP  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (718) 595-4714  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/07/1995 | 06/10/1995          | OTHER          | UNKNOWN                 | NO                  |

| Material Spilled   | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|--------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| WASTE OIL/USED OIL | PETROLEUM      | -1.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

DOING REGULATOR, CHECK FOUND OIL TO REGULATOR – UNKNOWN SOURCE – OIL TO SEWER SYSTEM. SPOKE TO ALBERT GORDON, SAID THAT THE OIL IN THE REGULATOR IS A RECURSIVE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 277**      **74TH ST & FDR DRIVE**  
 74TH ST FDR DRIVE

MANHATTAN, NY

**Spill Number: 9502886**

**Close Date: 02/11/2003**  
 TT-Id: 520A-0101-790

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 1619 feet to the NE

## ADDRESS CHANGE INFORMATION

Revised street: E 74TH ST / F.D. ROOSEVELT DR

Revised zip code: 10021



|                                   |                              |                              |
|-----------------------------------|------------------------------|------------------------------|
| Source of Spill: UNKNOWN          | Spiller: UNKNOWN             | Spiller Phone:               |
| Notifier Type: Federal Government | Notifier Name:               | Notifier Phone:              |
| Caller Name: PO CHRISTENSEN       | Caller Agency: USCG          | Caller Phone: (212) 668-7920 |
| DEC Investigator: TOMASELLO       | Contact for more spill info: | Contact Person Phone:        |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/07/1995 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | -1.00            | GALLONS | 0.00               | GALLONS | SURFACE WATER        |

Caller Remarks:

SHEEN ON WATER – STILL BEING INVESTIGATED.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 278**      **218061; FDR W RDWAY AND 74TH ST**  
 FDR W RDWAY AND 74TH ST

MANHATTAN, NY

**Spill Number: 0914397**

**Close Date: 08/24/2009**  
 TT-Id: 520A-0249-490

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)  
 Approximate distance from property: 1619 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: FDR DR / E 74TH ST  
 Revised zip code: UNKNOWN

|                                        |                                       |                                      |
|----------------------------------------|---------------------------------------|--------------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: ERT DESK – CON EDISON        | Spiller Phone:                       |
| Notifier Type: Responsible Party       | Notifier Name:                        | Notifier Phone:                      |
| Caller Name:                           | Caller Agency:                        | Caller Phone:                        |
| DEC Investigator: DMPOKRZY             | Contact for more spill info: ERT DESK | Contact Person Phone: (212) 580-8383 |

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|                           |                                                   |                |                         |         |                     |         |                      |
|---------------------------|---------------------------------------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| Spill Date                | Date Cleanup Ceased                               | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
| 08/18/2009                |                                                   | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled          |                                                   | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM         |                                                   | PETROLEUM      | 1.00                    | GALLONS | 0.00                | GALLONS | UTILITY              |
| Caller Remarks:           | NO REMARKS GIVEN FOR THIS SPILL                   |                |                         |         |                     |         |                      |
| DEC Investigator Remarks: | NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL. |                |                         |         |                     |         |                      |

**Close Date: 11/03/2008**  
TT-Id: 520A-0225-180

Revised street: EAST RIVER IAO E 74TH ST  
Revised zip code: UNKNOWN

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone: (212) 580-8383

|                                                                                       |                                                                                                                                                                             |                |                         |         |                     |         |                      |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| Category:                                                                             | Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters. |                |                         |         |                     |         |                      |
| Class:                                                                                | Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency                                                                         |                |                         |         |                     |         |                      |
| Spill Date                                                                            | Date Cleanup Ceased                                                                                                                                                         | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
| 11/03/2008                                                                            |                                                                                                                                                                             | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled                                                                      |                                                                                                                                                                             | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM                                                                     |                                                                                                                                                                             | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |
| Caller Remarks:                                                                       |                                                                                                                                                                             |                |                         |         |                     |         |                      |
| CALLER STATES THAT THERE IS A UNK SHEEN ON THE WATER IN THE AREA OF EAST 74TH STREET. |                                                                                                                                                                             |                |                         |         |                     |         |                      |

## DEC Investigator Remarks:

12/22/08 – See eDocs for Con Ed report detailing cleanup and closure.

Con Ed reports a sheen on the East River, but says it is NOT from ConEd Station.

Sangesland spoke to Coast Guard – They said they spoke to a tug boat in the area and they DID NOT see any sheen. As of 1:30PM

Coast Guard is NOT sending anyone out to the site.

## Map Identification Number 280



## 21 SUTTON PLACE

21 SUTTON PLACE

MANHATTAN, NY

Spill Number: 9711288

Close Date: 01/08/1998

TT-Id: 520A-0092-462

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 1622 feet to the SW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name: LOUIS FARO

DEC Investigator: SMMARTIN

Spiller: UNKNOWN

Notifier Name: MR ARMA

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone: (212) 338-3255

Caller Phone: (212) 338-3255

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/08/1998 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| ANTIFREEZE       | OTHER          | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MARTINKAT"

CREW DISCOVERED SPILL WHILE WORKING IN AREA. ON ROAD IN FRONT OF ADDRESS. CALL SANITATION ACTION CENTER. MR. QUAJLIRELLO TOOK REPORT.

**Map Identification Number 281** **410 EAST 74TH ST**  
 410 EAST 74TH ST

MANHATTAN, NY

**Spill Number: 9707943****Close Date: 11/20/1997**  
TT-Id: 520A-0097-381

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1636 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: JHOCONNE

Spiller: TIM SOILCH - CON EDISON

Notifier Name: RICHARD ROACH

Caller Agency: CON ED

Contact for more spill info: RICHARD ROACH

Spiller Phone: (212) 580-6764

Notifier Phone: (212) 580-6764

Caller Phone: (212) 580-6764

Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/06/1997 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SEWER                |

## Caller Remarks:

UNK WHERE OIL CAME FROM-DID GO INTO SEWER

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

10/8/97, 0935 hrs: DEP, Coast Guard arrived on scene. Con Ed was trying to clean duct between two manholes using a flush truck rod. They hit an obstruction, forced some oil out - approximately 1 gallon got into french drain on bottom of manhole, and probably went to treatment plant. The manhole was cleaned yesterday, but the obstruction remains.

10/8/97, 0955 hrs: Called Ed Radkey, Con Ed Manhattan Environmental Field Manager (212) 338-4485. He will check on what group is doing the investigation and call back.

10/8/97, 1445 hrs: E. Radkey called back. Analysis of oil 66 ppm PCB - consistent with dielectric fluid, but no electric lines run through the manhole. Cable is paper/lead - could have some oil in it. Clean up completed.

**Map Identification Number 282****525 E 74TH ST**

525 E 74TH ST

NYC, NY

**Spill Number: 9112879****Close Date: 03/18/1992**

TT-Id: 520A-0094-929

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 1644 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Federal Government  
Caller Name: D BELLROSE  
DEC Investigator: SULLIVAN

Spiller:  
Notifier Name:  
Caller Agency: USCG  
Contact for more spill info:

Spiller Phone:  
Notifier Phone:  
Caller Phone: (212) 668-7936  
Contact Person Phone:

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |        | Penalty Recommended |        |                      |
|-------------------|---------------------|----------------|-------------------------|--------|---------------------|--------|----------------------|
| 03/18/1992        | 03/18/1992          | UNKNOWN        | UNKNOWN                 |        | NO                  |        |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units  | Quantity Recovered  | Units  | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | -1.00                   | POUNDS | 0.00                | POUNDS | SURFACE WATER        |

Caller Remarks:

OIL SHEEN

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

**The following DEC Investigator Remarks were available prior to 1/1/2002:**

4/96: According to the Draft Data Summary and SWMU/AOC/Spills Evaluation Report prepared by ENSR, this spill resulted from a leaking transformer in the transformer storage yard at the Astoria Complex. It discharged into the East River from the 36" storm sewer line south of the Gen Station.

**Map Identification Number 283****CON ED**

INTERSECTION EAST 65TH AND 2ND AVE

MANHATTAN, NY

**Spill Number: 0911719****Close Date: 05/26/2010**

TT-Id: 520A-0249-440

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1646 feet to the WNW

## ADDRESS CHANGE INFORMATION

Revised street: E 65TH ST / 2ND AVE

Revised zip code: NO CHANGE

|                   |                       |                              |              |                       |                |
|-------------------|-----------------------|------------------------------|--------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | ERT – CON ED | Spiller Phone:        |                |
| Notifier Type:    | Other                 | Notifier Name:               |              | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |              | Caller Phone:         |                |
| DEC Investigator: | mxferoze              | Contact for more spill info: | ERT          | Contact Person Phone: | (212) 580-8383 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 02/02/2010 |                     | OTHER          | NO                      | NO                  |

|                   |                |                  |         |                    |         |                      |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS |                      |

#### Caller Remarks:

Man hole 54553– 1 quart of oil in manhole. ERT is pending.

2/10/10–Vought–Off hours responder. Spill assigned to DEC Feroze as part of routine Con Ed portfolio review and possible closure. Initial EMIS #entered into UIS Cross Reference Field. Initial report downloaded into Edocs and deleted from Proxy.

#### DEC Investigator Remarks:

05/26/10 – See eDocs for Con Ed report detailing cleanup and closure.

**Map Identification Number 284** **74TH ST & YORK AVE**  
 74TH ST & YORK AVE

**Spill Number: 9506332** **Close Date: 02/18/1998**  
 TT-Id: 520A-0102-375

MAP LOCATION INFORMATION  
 Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 1647 feet to the NNE

ADDRESS CHANGE INFORMATION  
 Revised street: E 74TH ST / YORK AVE  
 Revised zip code: 10021

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: MR DEVOTI  
 DEC Investigator: CAENGELH

Spiller: CON ED  
 Notifier Name:  
 Caller Agency: CON EDISON  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 08/22/1995 |                     | UNKNOWN        | NO                      |  | NO                  |  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 5.00             | GALLONS | 0.00               | GALLONS | SURFACE WATER        |

Caller Remarks:

PRODUCT COMING OUT OF DISCHARGE TUNNEL FROM UNK SOURCE – MORE TESTING TO BE DONE 08–23–95 – THEY WILL CONTINUE TESTING TO DETERMINE THE SOURCE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead DEC Field was "ENGELHARDT"

Zhitomirsky (initial responder) notes: Called Mr. Devoti – USCG are on scene. Con Ed called contractor to boom off the area.

Engelhardt's notes: Spill called in on Saturday (soda ash, see spill # 9506204). On Tuesday @2:00, oil from south tunnel. Half hour later, appeared to be coming in from river. Ash pit has crack – USCG did dye test – poured dye into ash pit, but no dye showed up in water. They are going to put sorbent pads into manhole leading to tunnel to try to determine where oil came from. Took sample for analysis. Oil still periodically coming from tunnel. Tunnel is boomed off.

8/28/95: Len Gilford – oil is #6 oil leaked from open valve into soda ash solution used to neutralize acid solution in boiler which is used to remove oxidation. This solution was pumped into secondary containment which had crack – presently in process of repair.

**Map Identification Number 285** **217975; E 74 ST AND YORK AVE**  
 E 74 ST AND YORK AVE

MANHATTAN, NY

**Spill Number: 0914380**

**Close Date: 08/17/2009**  
 TT-Id: 520A-0249-483

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1647 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: E 74TH ST / YORK AVE

Revised zip code: 10021

|                   |                       |                              |                       |                       |                |
|-------------------|-----------------------|------------------------------|-----------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | ERT DESK – CON EDISON | Spiller Phone:        |                |
| Notifier Type:    | Responsible Party     | Notifier Name:               |                       | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |                       | Caller Phone:         |                |
| DEC Investigator: | DMPOKRZY              | Contact for more spill info: | ERT DESK              | Contact Person Phone: | (212) 580-8383 |

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 08/12/2009 |                     | UNKNOWN        | NO                      | NO                  |

|                  |                |                  |         |                    |         |                      |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| DIELECTRIC FLUID | PETROLEUM      | 2.00             | GALLONS | 0.00               | GALLONS | UTILITY              |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 286** **213222; E. 74 ST AND YORK AVE.**  
 E. 74 ST AND YORK AVE.

NEW YORK, NY

**Spill Number: 0814384**

**Close Date: 08/26/2008**  
 TT-Id: 520A-0249-482

#### MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 1647 feet to the NNE

#### ADDRESS CHANGE INFORMATION

Revised street: E 74TH ST / YORK AVE  
 Revised zip code: 10021

|                   |                       |                              |                       |                       |                |
|-------------------|-----------------------|------------------------------|-----------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | ERT DESK – CON EDISON | Spiller Phone:        |                |
| Notifier Type:    | Responsible Party     | Notifier Name:               |                       | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |                       | Caller Phone:         |                |
| DEC Investigator: | DMPOKRZY              | Contact for more spill info: | ERT DESK              | Contact Person Phone: | (212) 580-8383 |

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 08/19/2008 |                     | UNKNOWN        | NO                      | NO                  |



| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | UTILITY              |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 287****VAULT #3946**

EAST 74TH AT YORK AVE

NEW YORK, NY

**Spill Number: 0506956****Close Date: 08/18/2009**

TT-Id: 520A-0102-376

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1647 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: E 74TH ST / YORK AVE

Revised zip code: UNKNOWN

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Responsible Party

Caller Name: PAUL DEDONOTO

DEC Investigator: JMKRIMGO

Spiller: ERT DESK' - VAULT #3946

Notifier Name: PAUL DEDONOTO

Caller Agency: CONED

Contact for more spill info: ERT DESK'

Spiller Phone: (212) 580-8383

Notifier Phone: (212) 580-6764

Caller Phone: (212) 580-6764

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/19/2005 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 300.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

RECENT DEC#05-06217: UNSURE WHAT HAPPENED AND STILL INVESTIGATING , SAYING IT WENT INTO SEWER SYSTEM: CONED # 160600

DEC Investigator Remarks:

08/18/09 - See eDocs for Con Ed report detailing cleanup and closure.

160600. Also see Spill 0506217.

**Map Identification Number 288****VAULT 3946**

EAST 74TH ST

MANHATTAN, NY

**Spill Number: 0506217****Close Date: 01/11/2006**

TT-Id: 520A-0229-164

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1647 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: E 74TH ST

Revised zip code: UNKNOWN

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: PAUL DINONATO  
 DEC Investigator: SKARAKHA

Spiller: ERT DESK MIKE DAUGHTERY – VAULT 3946  
 Notifier Name: PAUL DINONATO  
 Caller Agency: CON ED  
 Contact for more spill info: ERT DESK MIKE DAUGHTERY

Spiller Phone: (212) 580-8383 ext. /  
 Notifier Phone: (212) 580-6764  
 Caller Phone: (212) 580-6764  
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/19/2005 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 4.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

LOCATED IN A VAULT ON 1 GAL OF WATER. CLEAN UP IS PENDING DEENERGIZATION OF THE FEEDER.

**DEC Investigator Remarks:**

e2mis no 160600

Jose Rodriguez found approx 4 gallons of unknown oil on top of approx.1 gallon water.

He also reports that the sump pump was found unplugged, and he reports that this unknown oil is also in sump as well. I&amp;A will have to inspect unit when unit becomes de-energized.

There was no fire or smoke involved and no sewer or waterway was affected. The source and cause of the spill is unknown.

Environmental tag #47247 was installed. No substantial cracks and a concrete sump could not be verified due to the amount of fluid in vault. Clean up pending safe entry, after de-energizing, or further inspection of unit.

Also see 0506956.

Found @ 17:05. Called E/V desk @ 17:22 hrs. V3946 – E 74 ST 524 E/O YORK AVE. Jose Rodriguez 82289 Senior Field Operator was at this location working on feeder 24M81 and found approx 4 gallons of unknown oil on top of approx.1 gallon water. He also reports that the sump pump was found un plugged, and he reports that this unknown oil is also in sump as well.

I&A will have to inspect unit when unit becomes de-energized. There was no fire or smoke involved and no sewer or waterway was affected. There were no injuries related to the spill and no weather conditions contributed to the hazards of the spill. There was no private property affected. The source and cause of the spill is unknown. Environmental tag #47247 was installed. There is sump pump found un-plugged; no substantial cracks and a concrete sump could not be verified due to the amount of fluid in vault. Clean up pending safe entry, after de-energizing, or further inspection of unit. Logger F.Curtis 38078

Update 8-20-05 @ 02:44

Lab Sequence Number: 05-08735-001. TOTAL PCB 27 ppm J Moran # 01182

Lab Results 08/20/05 10:09. Lab Sequence Number: 05-08742-001

Analysis indicates the presence of a transformer oil.

Update 09/08/05 @ 1237 hrs. S.Asfour 49908 was at this location to do a drain and disconnect and reports to this desk @ 12:20 hrs that the tanker was only able to pump 56 gallons from unit, and the total capacity for this 396 gallons At this point he reports that 300 gallons is missing and that pipe going from sump pump to drain was full water and oil this was found @ 12:15 hrs, and CIG was called @ 12:28 hrs spoke to T.Parker 87739 @ 12:28 hrs.

Update 09/08/05 @ 13:05 Mr. Asfour reports that a partial clean was done and crew is at location awaiting arrival of various agencies. Logger F.Curtis 38078

Update 09/08/05 @ 14:11 hrs D.Pontecorvo 85413 ERT was on location @ 13:15 hrs to meet I&A Dept. And he also reports that DEP A. Kelly arrived @ 13:30 hrs and issued a Commissioners Order Stating that a clean up of this vault be done immediately. Order # E-29465  
Mr. Kelly states that this drain connects to a water treatment plant, and that no other city drains, or sewers or water way have been compromised. Also Mr. Pontecorvo has asked that upon completion of this clean up that ERT notified immediately as well. Logger F.Curtis 38078

**Map Identification Number 289**  
 **234 E. 70TH STREET**  
234 E. 70TH ST

MANHATTAN, NY

**Spill Number: 9414298**

**Close Date: 01/30/1995**  
TT-Id: 520A-0092-139

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (3)  
Approximate distance from property: 1721 feet to the NW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Responsible Party  
 Caller Name: JOHANNE BIZZARO  
 DEC Investigator: MCTIBBE

Spiller: CASTLE OIL  
 Notifier Name:  
 Caller Agency: CASTLE OIL  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (718) 579-3480  
 Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/28/1995 | 01/30/1995          | UNKNOWN        | UNKNOWN                 | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 3.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

PUT DELIVERY THROUGH VENT. LEAKED INTO BUILDING - CLEANED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"

**Map Identification Number 290**      **213058; E 59 ST AND 1 AVE**  
 E 59 ST AND 1 AVE

NEW YORK, NY

**Spill Number: 0814361**

**Close Date: 08/13/2008**  
 TT-Id: 520A-0248-630

#### MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1725 feet to the WSW

#### ADDRESS CHANGE INFORMATION

Revised street: E 59TH ST / 1ST AVE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name:  
 DEC Investigator: DMPOKRZY

Spiller: ERT DESK - CON EDISON  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: ERT DESK

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

|                           |                                                   |                |                         |         |                     |         |                      |
|---------------------------|---------------------------------------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| Spill Date                | Date Cleanup Ceased                               | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
| 08/09/2008                |                                                   | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled          |                                                   | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM         |                                                   | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | UTILITY              |
| Caller Remarks:           | NO REMARKS GIVEN FOR THIS SPILL                   |                |                         |         |                     |         |                      |
| DEC Investigator Remarks: | NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL. |                |                         |         |                     |         |                      |

**Map Identification Number 291**  **MANHOLE # 58743**  
**EAST 59 ST/ 1ST AVE**

MANHATTAN, NY

**Spill Number: 0808673**

**Close Date: 12/19/2008**  
TT-Id: 520A-0220-635

### MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 1725 feet to the WSW

### ADDRESS CHANGE INFORMATION

Revised street: E 59TH ST / 1ST AVE  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Other  
Caller Name:  
DEC Investigator: RWAUSTIN

Spiller: CON ED  
Notifier Name:  
Caller Agency:  
Contact for more spill info: CON ED

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone:

|                           |                                                                                                                                                                             |                |                         |         |                     |         |                      |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| Category:                 | Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters. |                |                         |         |                     |         |                      |
| Class:                    | Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency                                                                         |                |                         |         |                     |         |                      |
| Spill Date                | Date Cleanup Ceased                                                                                                                                                         | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
| 10/31/2008                |                                                                                                                                                                             | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled          |                                                                                                                                                                             | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| DIELECTRIC FLUID          |                                                                                                                                                                             | PETROLEUM      | 1000                    | GALLONS | 0                   | GALLONS |                      |
| Caller Remarks:           | NO REMARKS GIVEN FOR THIS SPILL                                                                                                                                             |                |                         |         |                     |         |                      |
| DEC Investigator Remarks: |                                                                                                                                                                             |                |                         |         |                     |         |                      |

Ahmed – 1000 gal of dielectric fluid contained in a vault. No release

12/19/08 – Austin – Received final EMIS, and spill reported as contained and cleaned up – closed – end

**Map Identification Number 292****SHAFT #33B**

1ST AVE &amp; 59TH STREET

MANHATTAN, NY

**Spill Number: 0612961****Close Date: 03/02/2007**

TT-Id: 520A-0100-910

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1725 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: 1ST AVE / E 59TH ST

Revised zip code: 10022

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Other

Caller Name:

DEC Investigator: sfrahman

Spiller: JOHN MCCLUSKY – SHAFT #33B

Notifier Name:

Caller Agency:

Contact for more spill info: JOHN MCCLUSKY

Spiller Phone: (212) 967-2212 ext. .

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 967-2212

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/02/2007 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

Caller Remarks:

FLOODED DUE TO HEAVY RAINS

DEC Investigator Remarks:

Sharif spoke with Robin Wilson(URS), she told me that 1/2 gallon oil spilled due to flooding.They will do the clean up shortly.Spill is closed.

**Map Identification Number 293** **MANHOLE 58743**  
 EAST 59TH ST/FIRST AV

MANHATTAN, NY

**Spill Number: 0306583**

**Close Date: 10/14/2004**  
 TT-Id: 520A-0100-911

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1725 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: E 59TH ST / 1ST AVE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: TOM MARCINEK  
 DEC Investigator: AERODRIG

Spiller: UNKNWON  
 Notifier Name: MR LEE  
 Caller Agency: CON EDISON  
 Contact for more spill info: TOM MARCINEK

Spiller Phone:  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/22/2003 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

CON EDISON 150439. 1 GAL ON 1500 GAL OF WATER. SAMPLE WILL BE TAKEN AND CLEAN UP WILL BEGIN.

## DEC Investigator Remarks:

E2MIS 150439

@01:00 hrs R.Raffanello #45767 sto found 1 gal of unknown oil and 1500 gal of water in manhole m58743. Hung sign #4847 and waiting for chem-lab to take sample for pcb & oil id. Feeder 38m05 & 38m06.

Source of spill: Unknown

Cause of spill: Unknown

## CLEANUP CHECKLIST

PCB concentration: KNOWN <1.0

Sample ID: 03-07812-001

Cleanup Activities: REMOVED/RECOVERED LIQUIDS, REMOVED VISIBLE TRACES OF OIL, WASHED STAINED AREAS

Name of contractor: CLEAN HARBORS

Cleanup completed: 9/22/03 @2100

**Map Identification Number 294** **CHURCH OF THE EPIPHANY**  
 1393 YORK AV

NEW YORK, NY

**Spill Number: 9810436****Close Date: 03/03/2003**  
TT-Id: 520A-0097-636

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1738 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Local Agency  
 Caller Name: STEVE BRAUN  
 DEC Investigator: TOMASELLO

Spiller: EMILY BLAKE – CHURCH OF THE EPIPHANY  
 Notifier Name: STEVE BRAUN  
 Caller Agency: AR FUELS  
 Contact for more spill info: EMILY BLAKE

Spiller Phone: (212) 737-2720  
 Notifier Phone: (718) 444-3400  
 Caller Phone: (718) 444-3400  
 Contact Person Phone: (212) 737-2720

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),  
 contamination of drinking water supplies, or significant release to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/18/1998 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

## Caller Remarks:

CALLER STATED THEY WERE DIGGING UP SOME CONCRETE ON THE CHURCH PROPERTY AND DISCOVERED OIL UNDERNEATH. CLEAN UP WILL BE DONE AR FUELS.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 295** **1231 2ND AVE**  
 1231 2ND AVE

MANHATTAN, NY

**Spill Number: 9612519****Close Date: 01/30/1997**  
TT-Id: 520A-0094-180

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 1744 feet to the WNW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE



Source of Spill: COMMERCIAL VEHICLE  
 Notifier Type: Other  
 Caller Name: BRIAN COOK  
 DEC Investigator: MCTIBBE

Spiller: NYNEX  
 Notifier Name: NYNEX  
 Caller Agency: FRED A COOK JE INC  
 Contact for more spill info: BRIAN COOK

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (914) 739-3300  
 Contact Person Phone: (914) 739-3300

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/21/1997 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| HYDRAULIC OIL    | PETROLEUM      | 80.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

#### Caller Remarks:

CALLER WAS CONTACTED BY NYNEX ABOUT A HYDROLIC OIL SPILL – SPILL CREW ENROUTE TO CLEAN UP – CALLER BELIEVES SPILL TO ONLY BE ABOUT 40 GAL DUE TO THE FACT THAT THEIR MACHINES DO NOT HOLD MUCH MORE THAN 40 GAL – SPILL IS CONTAINED

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"  
 CLEANED BY VERIZION.

#### Map Identification Number 296



**345 EAST 73RD ST**  
 345 EAST 73RD ST

NEW YORK, NY

**Spill Number: 9510345**

**Close Date: 01/29/1997**

TT-Id: 520A-0097-379

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 1758 feet to the N

#### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: MARIA SERRA  
 DEC Investigator: MCTIBBE

Spiller: UNKNOWN  
 Notifier Name: LLOYD TEMES  
 Caller Agency: STATE ENVIRONMENTAL SERVI  
 Contact for more spill info: LLOYD

Spiller Phone:  
 Notifier Phone: (718) 667-7226  
 Caller Phone: (718) 265-3355  
 Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/17/1995 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | GROUNDWATER          |

Caller Remarks:

GROUNDWATER CONTAMINATED WITH UNK PETROLEUM LEAKING THRU WALLS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "M TIBBE"  
see file.

Map Identification Number 297



MANHOLE #65410

EAST 64 STREET & 2 AVE

MANHATTAN, NY

Spill Number: 0514091

Close Date: 06/14/2006

TT-Id: 520A-0097-496

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1765 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: E 64TH ST / 2ND AVE

Revised zip code: 10021

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Responsible Party

Caller Name: TOM ENRIGHT

DEC Investigator: GDBREEN

Spiller: ERT DESK – CON EDISON MANHOLE #65410

Notifier Name: TOM ENRIGHT

Caller Agency: CON EDISON

Contact for more spill info: ERT DESK'

Spiller Phone: (212) 580-8383

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/09/2006 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 2.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

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**Caller Remarks:**

no to 5 questions: wont be cleaned up within 2 hours.      coned #163264

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**DEC Investigator Remarks:**

06/14/06 – See e-docs for Con Ed report detailing cleanup and closure.

163264      see eDocs. beware – the file dated 4–6–06 was saved by accident. Only the 4–5–06 file applies to this spill.

**Map Identification Number 298****MANHOLE 65410**

EAST 64 ST/2ND AVE

MANHATTAN, NY

**Spill Number: 0211631****Close Date: 04/03/2003**

TT-Id: 520A–0094–148

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1765 feet to the WNW

**ADDRESS CHANGE INFORMATION**

Revised street: E 64TH ST / 2ND AVE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: SEAN MCKEEVER  
 DEC Investigator: KMFOLEY

Spiller: UNKNOWN – UNKNOWN  
 Notifier Name: FRANK CURTIS  
 Caller Agency: CON EDISON  
 Contact for more spill info: CALLER

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580–6763  
 Contact Person Phone:

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**Category:** Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non–petroleum/non–hazardous spills.  
**Class:** Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/23/2003 |                     | UNKNOWN        | NO                      | NO                  |

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| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 15.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

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Caller Remarks:

15 gal unk oil on 50 gal water contained in manhole. samples taken cleanup pending

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"  
Con Ed e2mis #147260:

23-FEB-2003 @21:50

M.Milano #68073 of FOD Dept found approx 15 gallons on unknown oil on top of approx 50 gallons of water jn M-65410. At the location of N/S E69 St 332 E/O 2 Ave. He reports that the reason fir entering this manhole was to trouble shot on feeder 20M04. Two samples taken PCB & ID. Tag #18150 placed. No fire or smoke involved in this incident. No sewers or waterways involved in this incident. No private property involved in this incident. The weather conditions had no affect on this incident. No injuries involved in this incident. Clean up pending crews ,tanker & lab results. Acct #3243

Update : CIG called 22:37 spoke to S.McKeeverb #15523 @22:37

Update: Due to the shortage of tankers on 11-7 shift, the clean up will be on shift #2 crew will remain on location till clean up starts. E/V desk was told by transportation, that all tankers on this shift had been reserved.

Update : 12-FEB-2003 @ 00:45

Due to low amount of Provisional EPA Numbers E/V desk has been asked as per ERT to hold off on ordering tanker until lab results become posted.

TOTAL PCB 14 ppm

Update 2-24-03 @ 13:20

A Munro #13615 reports that the cleanup is complete as of 13:00 . 1 barrel of ppe and debris and 1000 gallons of water and oil mixed . Double washed with slix and flushed. Tag #18150 removed. Cleanup crew and supervisor are listed in the event involved person screen , except for T Brealand #00969 , his name is not listed in the data base.

Update: 2/27/03

Lab Sequence #03-01528-001

Date Approved: 2/24/03 @ 17:45 hrs.

Date Received: 2/24/03

Date Sampled: 2/23/03

Oil ID: Oil Identification Analysis by NYSDOH 310-13 (Hydrocarbon Scan)

MATRIX: OIL GRAB

DESCRIPTION: MAN HOLE#65410

LOCATION: N/S E.64 ST.332'E/O 2ND. AVE.

STRUCTURE: MANHOLE 65410 FEEDER ID: 20M04

Analysis indicates the presence of a substance similar to a dielectric fluid.

**Map Identification Number 299****MANHOLE 62669**

300 EAST 63RD ST

MANHATTAN, NY

**Spill Number: 9905479****Close Date: 08/18/2009**

TT-Id: 520A-0094-158

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 1772 feet to the W

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: FRANK MASSERIA  
 DEC Investigator: JMKRIMGO

Spiller: CON EDISON  
 Notifier Name: MR MARCY  
 Caller Agency: CON EDISON  
 Contact for more spill info: FRANK MASSERIA

Spiller Phone: (212) 580-6763  
 Notifier Phone: (212) 338-3352  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/06/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

1 QT UNK MATERIAL ON 50 GAL WATER IN MANHOLE - SAMPLE TAKEN - CLEANUP PENDING RESULTS

## DEC Investigator Remarks:

08/18/09 – See eDocs for Con Ed report detailing cleanup and closure.

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**Map Identification Number 300** **1402 YORK AVENUE**  
 1402 YORK AVENUE

MANHATTAN, NY

**Spill Number: 9313026**

**Close Date: 02/03/1994**  
 TT-Id: 520A-0097-632

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 1774 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Other  
 Caller Name: VIRGINIA SOVIERO  
 DEC Investigator: UNASSIGNED

Spiller: UNK  
 Notifier Name:  
 Caller Agency: PETRO HEAT & POWER  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (718) 545-3662  
 Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 02/03/1994       | 02/03/1994          | UNKNOWN          | UNKNOWN                 |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| #2 FUEL OIL      | PETROLEUM           | 1.00             | GALLONS                 | 0.00               | GALLONS             | SOIL                 |

## Caller Remarks:

DRIVER NOTICED OIL ON CONCR. FLOOR OF DR'S OFFICE BASEMENT – APPLIED SPEEDI – DRI & SPILL TEAM ENROUTE TO COMPLETE CLEAN UP .

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was " "

**Map Identification Number 301** **74TH ST GEN STATION**  
 **E75TH ST & EAST RIVER**

MANHATTAN, NY

**Spill Number: 9910536**

**Close Date: 01/03/2000**  
 TT-Id: 520A-0099-170

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: FRANK MASSERIA  
 DEC Investigator: CAENGELH

Spiller: UNK CON  
 Notifier Name: MR ZAJAC  
 Caller Agency: CON EDISON  
 Contact for more spill info: FRANK MASSERIA

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/03/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SURFACE WATER        |

**Caller Remarks:**

sheen on water 200 x 200 possibly coming from the generating

station – they are investigating and trying to locate source

– coast guard # 507692

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead DEC Field was "ENGELHARDT"  
 Engelhardt, Comenale and Abraham Rodriquez (DOW) responded. Rich Boscarino, plant environmental manager on location. Coast Guard and NYC DEP (Sagar Chaterjee) also responded.

Observed sheen coming out of discharge tunnel. S&D Environmental on location (2 boats). They had deployed boom and were deploying sausage boom. Instructed Con Ed to maintain boom overnight and inspect discharge tunnel manholes (2) inside plant. Con Ed believes oil is residual oil from spill on 11/30/99 – # 9910376. Says there are holes in floor of plant which is top of tunnel. Spill was from T-11 turbine on above level. Oil spilled down to basement level and could have penetrated holes in floor. Oil may be trapped in tunnel.

Engelhardt and Rodriquez returned to the plant on Monday, 12/6. Sheen still coming out. Boom still being maintained outside discharge tunnel. Boscarino claims that they (plant environmental engineer, Steve Wong) checked all inlets into discharge tunnel and could not find any oil. Mr. Wong not in. Will confirm with him tomorrow.

Update from Con Ed on 12/8 that they had identified the leak. They believe it was from the 11/30 spill. They have found several other manholes. They found oil in the western most one. Engelhardt and Rodriquez responded. Con Ed has deployed sausage boom and accordin sorbent pads into about five manholes in the tunnel. Slight sheen still coming out of the tunnel. Will maintain until sheen is all absorbed. Scheduled to meet with engineer tomorrow who inspected the tunnel a couple of years ago to determine if there is anything else they should be doing. After sheen stops they will send a diver into tunnel to inspect.

1/5/00: In mid-December Con Ed located spill. Believed to be residual oil from spill on 11/30 – 9910378. Cleaned by Con Ed.

**Map Identification Number 302** **E74TH ST GENERATING STA.**  
 3RD FLOOR BAY

MANHATTAN, NY

**Spill Number: 9808281**

**Close Date: 10/23/2002**  
 TT-Id: 520A-0099-168

#### MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 1781 feet to the NNE

#### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: 10021

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: ERNIE ROWLAND  
 DEC Investigator: JHOCONNE

Spiller: ERNIE ROWLAND – E74TH ST GENERATING STA.  
 Notifier Name: WINSTON ALLEN  
 Caller Agency: CON EDISON  
 Contact for more spill info: ERNIE ROWLAND

Spiller Phone: (212) 580-6763  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 10/05/1998        |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled  | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM           | 1.00             | GALLONS                 | 0.00               | GALLONS             | SOIL                 |

#### Caller Remarks:

8 ounces of UNKNOWN OIL FOUND ON FLOOR. WILL BE SAMPLED.



DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

DEC Notes:

Containment: Information was unavailable at this time.

Oil containing equipment in manhole: Information was unavailable at this time.

Cleanup Plan: Sample to be taken. Cleanup pending sample results

-sps

Con Ed e2mis #120331:

10/05/98

1615 hrs – COA discovered and reported an oil spill, of approximately 8 ounces, in the electrical gallery on the third floor elevation. The Shift Manager inspected the site and observed that the oil had dripped from the open end of an electrical cable, located directly above the spill area, which had been cut and retired in place many years ago. The area was roped off and oil absorbent pads were placed on the oil spill area. The Shift Manager attempted to enter an incident report into e2MIS but was unable to due to system problems.

1756 hrs – Still unable to enter the incident into e2MIS, a report was submitted to CIG Operator Rowland by phone. Spill is contained and area is isolated and roped off. Since spill was in an electrical equipment area, spill was reported as possible PCB containing oil (50 to 499 ppm). Clean up will be performed in accordance with new procedure on handling an oil spill from electrical equipment.

10/06/98

15:00 – Per GEI 2.15 and the new procedure on handling oil spills from electrical equipment, the clean-up was performed by R. Elsayed and D. Jordan treating the oil as containing 50 to 499 ppm of PCB. A double wash and rinse was performed per GEI 2.15, which is sufficient for clean up. All waste generated during the clean up was bagged and put in a drum and moved to the 10th floor temporary PCB waste storage area. The open end of the electrical cable that dripped the oil was wrapped with several layers of oil absorbent pads and then sealed with heavy-duty poly.

**Map Identification Number 303** **74 TH ST GEN. STATION**  
 506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 9807955****Close Date: 12/30/2002**  
TT-Id: 520A-0099-167

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: JOE DIVIOTI

DEC Investigator: JHOCONNE

Spiller: JOE DIVIOTI - CON ED

Notifier Name: MR COLEMAN

Caller Agency: CON ED

Contact for more spill info: JOE DIVIOTI

Spiller Phone: (212) 580-6763

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/29/1998 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled                                                                                         | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|----------------------------------------------------------------------------------------------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| OTHER                                                                                                    | OTHER          | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |
| The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information |                |                  |         |                    |         |                      |
| OTHER PETROLEUM                                                                                          | UNKNOWN        | 1.00             | GALLONS | 0.00               | GALLONS |                      |

## Caller Remarks:

2 OZ. SPILL AT 74 STREET STATION. UNKNOWN OILL. AREA HAS BEEN ROPED

OFF PENDING LAB RESULTS.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 Con Ed e2mis #120142:

09/29/98

15:00 - An Electrical Maintenance mechanic, Anthony Conte, was working in the 7th floor electrical gallery area and discovered a small accumulation (approximately 2 fluid ounces) of an oily substance on the floor near electrical compartment C-21. He reported his finding to the Station Safety Administrator, Eugene Kilpatrick, who then informed Environmental Engineer, Steven Wong.

15:15 – The spill site was inspected and it appears that the oily substance had slowly dripped out of threaded conduit joints directly above, over a long period of time (additional drips of oil could be seen hanging from the threaded conduit joints).

15:33 – Since this oil is apparently associated with electrical equipment, there is a possibility that it contains PCBs. S. Wong informed the Shift Supervisor, Eric Coleman, of the discovery so that an e2MIS report could be entered and appropriate notifications made. The area was roped off.

15:38 – Shift Supervisor, E. Coleman, begins to prepare report.

15:45 – S. Wong speaks to the Astoria Chemical Laboratory and requests a technician to come to the Station to take a sample of the oil to analyze for PCBs.

17:30 – Astoria Chemical Technician, F. Castellano, arrives and takes samples of the oil; one (1) wipe sample on the floor and one (1) bulk oil sample for "Oil I.D." test.

09/30/98

00:06 – Results of the lab tests are sent out via E-mail CHEMLIMS (reference Astoria Chem Lab Sequence #98–10254 for Oil ID test and 98–10256 for wipe sample on floor). Test results identified the oil as a lubricating oil with a PCB concentration of 2 ppm. This result would be consistent with cable pulling grease that had deteriorated with age and is now seen dripping out of the threaded conduit joints. 07:58 – Shift Supervisor, E. Coleman called CIG Operator Primeggia to provide update on oil analysis. CIG was told that the Station had received the oil spill results. It was found that the oil is very similar to lubrication oil and possess a PCB content of 2 ppm. The clean up is underway and will be treated as a regular, non-PCB oil spill.

09:00 – Clean up completed.

**Map Identification Number 304****GENERATING STATION**

506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 9508189****Close Date: 11/22/1996**

TT-Id: 520A-0099-163

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEPHEN ROMERO

DEC Investigator: MCTIBBE

Spiller: CON EDISON

Notifier Name: MR WAGNER

Caller Agency: CON EDISON

Contact for more spill info: MR. WAGNER

Spiller Phone: (212) 460-4600

Notifier Phone: (212) 606-2700

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 606-2700

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 10/04/1995       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #6 FUEL OIL      |                     | PETROLEUM      | 25.00                   | GALLONS | 0.00                | GALLONS | SOIL                 |

Caller Remarks:

non-pcb type oil contained on basement floor with oil pads cause was a leak from fuel oil line from day storage tank to high pressure fuel pumps-clean up being done.

p

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"  
CONTAINED AND CLEANED BY RP.

Map Identification Number 305



**74TH ST SUBSTATION**  
506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 9505944**

**Close Date: 08/14/1995**  
TT-Id: 520A-0099-145

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 1781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: NON-MAJOR FACILITY (>1100 GAL)  
Notifier Type: Responsible Party  
Caller Name: CONSTANTINE  
DEC Investigator: JHOCONNE

Spiller: CON EDISON  
Notifier Name:  
Caller Agency: CON EDISON  
Contact for more spill info:

Spiller Phone: (212) 706-2744  
Notifier Phone:  
Caller Phone: (212) 580-6763  
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 08/14/1995 |                     | OTHER          | NO                      |  | NO                  |  |

| Material Spilled | Material Class     | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|--------------------|------------------|---------|--------------------|---------|----------------------|
| SULFURIC ACID    | HAZARDOUS MATERIAL | 150.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

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**Caller Remarks:**

OVERFLOW FROM PUMP – CLEAN UP CREW ON THE WAY

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**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 Mitchell notes: ~150 gallons sulfuric acid pumped out by contractor, contained in trenches.

Katz notes: Flowed into sump. Vendor pumped out, flushed, pumped out again. Cleaned up area.

2/25/98: Update from Lise Lukeshides, Con Ed ERT – "The material was 150 gallons of sulfuric acid. The clean up was conducted by Clean Harbos, using soda ash to neutralize and disposed of material as hazardous waste. Clean up complete 8/16/95."

**Map Identification Number 306**
**74TH ST GENERATING STA.**  
 506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 9503274**
**Close Date: 01/04/2006**  
 TT-Id: 520A-0099-144
**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 1781 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: TIN SOLICH  
 DEC Investigator: JHOCONNE

Spiller:  
 Notifier Name:  
 Caller Agency: CON EDISON  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

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Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/13/1995 |                     | UNKNOWN        | NO                      | NO                  |

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| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | -1.00            | GALLONS | 0.00               | GALLONS | SURFACE WATER        |

-----  
Caller Remarks:FOUND OIL SHEEN IN SUMP WELL – UNKNOWN HOW IT GOT THERE – POSSIBLY #6  
-----

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

A thorough review of our station files that's not archived failed to turn up any useful information or data pertaining to the 06–13–95 fuel oil sheen in the package boiler sump. However, during the later half of 1995, we did have three small holes in the sump and it was drained, repaired and put back into service. Also, I recall a small fuel oil leak in the trench that leads to the sump and it was steam cleaned by a vendor, but I have no information on them. In addition, several bore holes were made adjacent to the fuel oil tank rooms as part of a proactive investigation which didn't turn up any subsequent oil room leakage. Jimmy Tillotson # 35983, Senior Engineer, was one of several people I spoke with on this matter and he provided me with a copy of Incident Report No. 74–95–0032, which was finalized/closed out on 07–18–95. To be finalized, all repairs would have been completed and verified. Based on this information, we request DEC closure. R. Lund, December 2005.

Closed. 1–4–06. GB

**Map Identification Number 307**      **506 EAST 75RD STREET**  
 506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 9500927****Close Date: 04/24/1995**  
TT-Id: 520A–0099–143

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: STEVE CRIBBIN  
 DEC Investigator: CAENGELH

Spiller: CON EDISON  
 Notifier Name:  
 Caller Agency: CON EDISON  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580–6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency  
-----

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 04/23/1995 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 1.00               | GALLONS | SOIL                 |

---

Caller Remarks:

1 TABLESPOON OF WASTE WATER WAS DISCHARGED WITH A HIGH PH – WATER IS CONTAINED IN A BUCKET IT HAD BEEN TREATED WITH SEVERAL ACIDS.

---

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

**Map Identification Number 308**



**CON-ED – 74TH ST GEN. STA**  
506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 9415706**

**Close Date: 03/03/1995**  
TT-Id: 520A-0099-142

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: NON-MAJOR FACILITY (>1100 GAL)

Notifier Type: Responsible Party

Caller Name: TIM SOLICH

DEC Investigator: SIGONA

Spiller: CON EDISON

Notifier Name:

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone: (212) 580-6763

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

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Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/03/1995 | 03/03/1995          | UNKNOWN        | UNKNOWN                 | NO                  |

---

| Material Spilled   | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|--------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| WASTE OIL/USED OIL | PETROLEUM      | 1.00             | GALLONS | 1.00               | GALLONS | SOIL                 |

---

Caller Remarks:

FILM OF LUBRICATING OIL FOUND ON WATER SURFACE OF INDOOR MOAT – UNKNOWN SOURCE – 10'X 6' TO BE CLEANED UP THIS EVENING.

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DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 309****CON-ED – 74TH ST GEN. STA**

506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 9415705****Close Date: 03/03/1995**

TT-Id: 520A-0099-141

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: NON-MAJOR FACILITY (&gt;1100 GAL)

Notifier Type: Responsible Party

Caller Name: TIM SOLICH

DEC Investigator: SIGONA

Spiller: CON EDISON

Notifier Name:

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone: (212) 583-6763

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/03/1995 | 03/03/1995          | UNKNOWN        | UNKNOWN                 | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 1.00             | GALLONS | 1.00               | GALLONS | SOIL                 |

Caller Remarks:

1 CUP FOUND AT BASE OF FUEL OIL PUMP ON CONCRETE FLOOR – NO OBVIOUS LEAK – CLEANED UP

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 310****74TH ST GEN STATION**

74TH ST &amp; YORK AVE

MANHATTAN, NY

**Spill Number: 9413979****Close Date: 12/20/2004**

TT-Id: 520A-0099-174

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10021



Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name: MR CONSTANTINO  
 DEC Investigator: JHOCONNE

Spiller:  
 Notifier Name:  
 Caller Agency: CON EDISON  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/20/1995 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 8.00             | GALLONS | 8.00               | GALLONS | SOIL                 |

#### Caller Remarks:

WATER LEAKED INTO OIL COMING OUT OVER FLOOR INTO TRUCK.

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

1/20/94, 3:30 PM – Mr. Kessler (Con Ed) – last week excavation around steam main outside of plant – water accumulated in excavation. Water coming into building via steam main, spilled into catch basin below oil strainers. Spilled onto ground when catch basin overflowed into a contained trench. Cleaned themselves with pads. Clean Ventures to steam clean.

12/20/04: Con Ed submitted copy of OIL TOXIC OR HAZARDOUS SUBSTANCE (INCLUDING PCB'S AND ASBESTOS) SPILLS AND FIRES NOTIFICATION FORM dated 1/20/95, which states: "TYPE OF SPILL/FIRE AND CAUSE: WATER CAME THRU THE WALL WHERE THE 75TH ST MAIN EXITS THE BLDG. THE WATER RAN INTO A CATCH PAN LOCATED BY THE FUEL/OIL STRAINERS AND OVER FLOWED ON THE FLOOR AND INTO A TRENCH. THE TRENCH IS CONFINED TO THE STATION. ESTIMATED AMOUNT OF SPILL: APPROX 7 -8 GALS OF #6 FUEL & WATER. EXPECTED TIME OF CLEANUP: CLEANUP IN PROGRESS BY STAT. VENDOR TO FOLLOW." Close out. (JHO)

**Map Identification Number 311** **74TH ST GEN STATION**  
 506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 9411588****Close Date: 03/17/2003**  
TT-Id: 520A-0099-139

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: CRIBBIN

DEC Investigator: CAENGELH

Spiller:

Notifier Name:

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/30/1994 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 25.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

ENTERED TRENCH-WILL USE PADS &amp; HAVE VENDOR CLEAN UP

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGLEHARDT"

Mr. Solich – Con Ed CIG. 20 gallon #6 fuel oil in trech/sump pit. Don't know how it got there. Removed by MEG.

3/17/03: close out (JHO)

**Map Identification Number 312** **74TH STREET STA.**  
 74TH STREET STA.

MANHATTAN, NY

**Spill Number: 9310205**

**Close Date: 11/22/1993**  
 TT-Id: 520A-0209-703

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill: UNKNOWN  
 Notifier Type: Federal Government  
 Caller Name: P.O. PETER SVENDSON  
 DEC Investigator: CAMMISA

Spiller: UNK  
 Notifier Name:  
 Caller Agency: USCG  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 668-7920  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/22/1993 | 11/22/1993          | UNKNOWN        | UNKNOWN                 | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | -1.00            | UNKNOWN | 0.00               | UNKNOWN | SURFACE WATER        |

## Caller Remarks:

APPEARS TO BE COMING FROM BARGE – SO. OFF IN RIVER – CALLED COAST GUARD. ( FD – NYC ) – USCG TEAM ENROUTE TO INVESTIGATE – NO SHEEN FOUND UP INVESTIGATION BY USCG.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

**The following DEC Investigator Remarks were available prior to 1/1/2002:**

10/10/95: This is additional information about material spilled from the translation of the old spill file: SHEEN.

**Map Identification Number 313** **74TH ST. GEN. STATION**  
 506 E 75TH ST

NYC, NY

**Spill Number: 9107154**

**Close Date: 03/30/1995**  
 TT-Id: 520A-0099-136

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEVEN CRIBBEN

DEC Investigator: KSTANG

Spiller: CON ED

Notifier Name:

Caller Agency: CON ED

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 10/03/1991       | 03/30/1995          | UNKNOWN          | UNKNOWN                 |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| #6 FUEL OIL      | PETROLEUM           | 50.00            | GALLONS                 | 0.00               | GALLONS             | SURFACE WATER        |

## Caller Remarks:

OBSERVED CONTAMINATION IN DISCHARGE TUNNELS OF 74TH ST PLANT. HIRED MARINE POLL'N TO SET BOOM IN HARBOR NEAR DOCK AREA. USCG NOTIFIED.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"

10/3/91: arrived on-scene at 15:40 hrs. Observed oil in tunnel. Oil observed in 3 tunnels throughout discharge tunnel. Spill of #6 oil into basement drainage system of plant. Facility has no oil/water separator system. Oil is being contained by boom in river. Marine Pollution Control is vacuuming oil from drain system. No Con Ed environmental staff are present. A substantial amount of oil is within drain system which runs at least 1 block from York Ave to FDR along 75th St. (AJS)

12/1/2003: THE STATION HAD A SPILL ON 12/3/2002 IN WHICH #6 OIL WAS DISCHARGED INTO THE EAST RIVER. THE SPILL WAS CLEANED BY CON EDISON AND EQUIPMENT WAS INSTALLED TO PREVENT THESE TYPE OF INCIDENTS FROM RE-OCURRING. ARS.

**Map Identification Number 314** **CON ED FACILITY**  
 75TH ST. & YORK AVE

MANHATTAN, NY

**Spill Number: 0904820****Close Date: 07/28/2009**  
TT-Id: 520A-0230-944

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: E 75TH ST / YORK AVE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Citizen

Caller Name:

DEC Investigator: SFRAHMAN

Spiller: ANONYMOUS - CON ED

Notifier Name:

Caller Agency:

Contact for more spill info: ANONYMOUS

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 07/24/2009       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN MATERIAL |                     | OTHER          | 0                       | UNKNOWN | 0                   | UNKNOWN | SURFACE WATER        |

## Caller Remarks:

Anonymous caller states that a boom was deployed at the above Con Ed facility from the dock on the East River yesterday.

## DEC Investigator Remarks:

07/27/09 called ERT, Pat Hanley. He will send updated report to ConEd monitor.

Cross reference to Spill#0904808.(sr)

**Map Identification Number 315** **IN TAKE TUNEL EMIS 217705**  
 506 EAST 75TH ST

MANHATTEN, NY

**Spill Number: 0904808****Close Date: 10/19/2009**  
TT-Id: 520A-0229-454

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

|                   |                       |                              |     |                       |                |
|-------------------|-----------------------|------------------------------|-----|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | UNK | Spiller Phone:        |                |
| Notifier Type:    | Other                 | Notifier Name:               |     | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |     | Caller Phone:         |                |
| DEC Investigator: | mxferoze              | Contact for more spill info: | ERT | Contact Person Phone: | (212) 580-8383 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/24/2009 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SURFACE WATER        |

Caller Remarks:

Unk how #6 fuel spilled into in take tunnel. That tunnel leads to east River. Clean up pending. National response center has been notified.

DEC Investigator Remarks:

10/19/09 – See eDocs for Con Ed report detailing cleanup and closure.

**Map Identification Number 316**



**CON ED 74TH ST GEN STATION**

506 EAST 75TH ST

MANHATTAN, NY

**Spill Number: 0900655**

**Close Date: 06/03/2009**

TT-Id: 520A-0226-424

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: mxferoze

Spiller: UNKNOWN

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 04/17/2009        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | GROUNDWATER          |

## Caller Remarks:

10 OUNCES OF UNK OIL WHICH ENTERED A SUMP, THERE IS A SHEEN ON THE WATER. CLEAN UP IS PENDING.

## DEC Investigator Remarks:

06/03/09 – See eDocs for Con Ed report detailing cleanup and closure.

## Map Identification Number 317 74TH ST GENERATING STATION



506 75TH ST

MANHATTAN, NY

Spill Number: 0811981

Close Date: 10/19/2009

TT-Id: 520A-0228-534

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: asnagi

Spiller: ERT – UNKNOWN

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 02/03/2009        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
|                   |                     |                |                         |         |                     |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 1.00                    | GALLONS | 0.00                | GALLONS | SOIL                 |

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**Caller Remarks:**

Caller states there is one gallon of an unknown oil in an excavation that has been cleaned.

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**DEC Investigator Remarks:**

10/19/09 – See eDocs for Con Ed report detailing cleanup and closure.

**Map Identification Number 318****CON ED 74TH ST GEN STATION**

506 EAST 75TH ST

MANHATTAN, NY

**Spill Number: 0810162****Close Date: 02/12/2009**

TT-Id: 520A-0224-000

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: asnagi

Spiller: ERT – CON ED 74TH ST GEN STATION

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
|------------|---------------------|----------------|-------------------------|---------------------|

|            |  |         |    |    |
|------------|--|---------|----|----|
| 12/11/2008 |  | UNKNOWN | NO | NO |
|------------|--|---------|----|----|

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| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 2.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

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**Caller Remarks:**

CALLER STATES THAT THERE IS ABOUT 2 GALLONS OF AN UNK PETROLEUM PRODUCT IN A TRENCH AFFECTING SOIL. CLEAN UP IS PENDING.

UPDATE – cross ref. spill #0811927.

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**DEC Investigator Remarks:**



02/12/09 – See eDocs for Con Ed report detailing cleanup and closure.

**Map Identification Number 319** **74TH STREET GEN STATION**  
 506 EAST 75TH ST

MANHATTAN, NY

**Spill Number: 0808767**

**Close Date: 12/22/2008**  
 TT-Id: 520A-0223-958

#### MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 1781 feet to the NNE

#### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: asnagi

Spiller: ERT – UNKNOWN  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: ERT

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/04/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #4 FUEL OIL      | PETROLEUM      | 0.50             | GALLONS | 0.50               | GALLONS |                      |

Caller Remarks:

CALLER STATES THAT THERE IS ABOUT HALF A GALLON OF NUMBER 4 OIL IN A EXCAVATION SITE THAT CONTAINS 149 PARTS PER BILLION OF PCB. CLEAN UP IS COMPLETE.

DEC Investigator Remarks:

12/22/08 – See eDocs for Con Ed report detailing cleanup and closure.

**Map Identification Number 320** **74TH ST GENERATING STATION**  
 506 EAST 75TH ST

MANHATTAN, NY

**Spill Number: 0806917**

**Close Date: 03/30/2009**  
 TT-Id: 520A-0220-575

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name:

DEC Investigator: asnagi

Spiller: ERT - CON ED

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/19/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | UNKNOWN | 0                  | UNKNOWN | SOIL                 |

## Caller Remarks:

Approx 4 ounces of fluid was found on the soil in above station. Testing is being done.

## DEC Investigator Remarks:

03/30/09 - See eDocs for Con Ed report detailing cleanup and closure.

12/22/08 - See eDocs for Con Ed report detailing cleanup and closure.

12/30/08 Antonio Delgado from Con Ed spoke to Sangesland.

Additional excavation was done and contamination was found and removed. Spill case was reopened. A new closure report will be submitted.

**Map Identification Number 321****CONED GEN-STATION**

506 EAST 75TH STREET

NEW YORK, NY

**Spill Number: 0805984****Close Date: 10/16/2008**

TT-Id: 520A-0220-555

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: RWAUSTIN

Spiller: NOT DETERMINED;

Notifier Name:

Caller Agency:

Contact for more spill info: ERTSDESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/26/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 30.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

CONTAINED IN SPILL CONTAINMENT CHAMBER; CLEAN UP PENDING ANALYSIS;

**DEC Investigator Remarks:**

10/20/08 – See eDocs for Con Ed report detailing cleanup and closure.

Tom Columbia at ERT Desk says the spill is contained in a tank area. He will call back with info about the cleanup.

10/16/08 – Austin – Received final EMIS – this spill reviewed as part of QA/QC of submissions – spill closed – end

**Map Identification Number 322****CONED TUNNEL**

506 EAST 75TH STREET

NEW YORK, NY

**Spill Number: 0805825****Close Date: 10/20/2008**

TT-Id: 520A-0220-549

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name:

DEC Investigator: SFRAHMAN

Spiller: NOT DETERMINED;

Notifier Name:

Caller Agency:

Contact for more spill info: ERTSDESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/21/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

**Caller Remarks:**

DOES HAVE THE POTENTIAL OF REACHING A WATER WAY NRC WAS NOTIFIED; NOT YET CLEANED AND NO REF # AT THIS TIME;

**DEC Investigator Remarks:**

10/20/08 – See eDocs for Con Ed report detailing cleanup and closure.

8/21/2008 Sangesland spoke to Con Ed ERTS Desk – #6 oil droplets found inside tunnel – remediationwork was being done.

Former intake tunnel for a condensor at the generation station.

1500 ft long between generation station and East River. Tunnel had been plugged and taken out of service several years ago.

Water in tunnel was stagnant. Divers were in the tunnel doing drilling work near the bedrock when they discovered the oil drips.

Ken's Marine was called and put out booms on the East River near the plugged end of the tunnel. Tunnel is secure and now they are trying to figure out the source of the oil.

08/22/08 I spoke with Gwen Keeble of ConEd, she said they identified the oil as weathered "cable oil", mostly in sediment. They cleaned out the contaminated sediment and water last night and now awaiting the PCB analysis result.(sr)

**Map Identification Number 323****SHEEN IN DISCHARGE TUNNEL**

506 EAST 75 STREET. GEN STATION

MANHATTAN, NY

**Spill Number: 0802558****Close Date: 02/12/2009**

TT-Id: 520A-0214-976

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name:  
 DEC Investigator: gdbreen

Spiller: ERTSDESK - CON EDSION  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: ERTSDESK

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/05/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| KEROSENE         | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

**Caller Remarks:**

UNKNOWN AMOUNT LEAKED AND STILL INVESTIGATING: CLEAN UP PENDING. 211720

**DEC Investigator Remarks:**

02/12/09 - See eDocs for Con Ed report detailing cleanup and closure.

211720. see eDocs.

Also see related spills:

**Map Identification Number 324** **74 ST STEAM STATION. LUBE OIL, 1 GAL**  
 506 EAST 75 STREET

MANHATTAN, NY

**Spill Number: 0801911**

**Close Date: 06/17/2008**  
 TT-Id: 520A-0214-970

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: gdbreen

Spiller: ERTSDESK - CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERTSDESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/19/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

NO TO 5 QUESTIONS: CLEAN UP PENDING CONED # 211437

## DEC Investigator Remarks:

06/17/08 - See eDocs for Con Ed report detailing cleanup and closure.

211437. see eDocs

**Map Identification Number 325** **74 ST GEN STATION. BASEMENT TRENCH**  
 506 EAST 75 STREET

MANHATTAN, NY

**Spill Number: 0712848**

**Close Date: 05/19/2008**  
 TT-Id: 520A-0214-934

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

|                   |                       |                              |            |                       |                |
|-------------------|-----------------------|------------------------------|------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | CON EDISON | Spiller Phone:        |                |
| Notifier Type:    | Other                 | Notifier Name:               |            | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |            | Caller Phone:         |                |
| DEC Investigator: | gdbreen               | Contact for more spill info: | ERTSDESK   | Contact Person Phone: | (212) 580-8383 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 03/06/2008 |                     | UNKNOWN        | NO                      | NO                  |

|                   |                |                  |         |                    |         |                      |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

Caller Remarks:

unknown oil in a trench; there is a oil water seperater; less than 1 pint spilled;

210195

DEC Investigator Remarks:

05/19/08 – See eDocs for Con Ed report detailing cleanup and closure.

210195. see eDocs

see spills 0713073, 0705588 and 0607574.

Map Identification Number 326



**SHEEN IN EAST RIVER FROM BOILER**  
506 EAST 75 ST. 74 ST GEN STATION

MANHATTAN, NY

**Spill Number: 0712605**

**Close Date: 10/20/2008**  
TT-Id: 520A-0214-931

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

|                   |                       |                              |                       |                       |                |
|-------------------|-----------------------|------------------------------|-----------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | ERT DESK – CON EDISON | Spiller Phone:        |                |
| Notifier Type:    | Responsible Party     | Notifier Name:               |                       | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |                       | Caller Phone:         |                |
| DEC Investigator: | gdbreen               | Contact for more spill info: | ERT DESK              | Contact Person Phone: | (212) 580-8383 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/01/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | GROUNDWATER          |

Caller Remarks:

Under one gallon – enough to make a sheen – nothing to clean up – it now went into East River  
Spill came from boiler.

210098

DEC Investigator Remarks:

10/20/08 – See eDocs for Con Ed report detailing cleanup and closure.

210098. see eDocs

**Map Identification Number 327**      **74 ST STEAM GENERATING STATION**  
 506 EAST 75 STREET

MANHATTAN, NY

**Spill Number: 0705593**

**Close Date: 09/13/2007**  
TT-Id: 520A-0090-043

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE



|                                  |                                       |                                      |
|----------------------------------|---------------------------------------|--------------------------------------|
| Source of Spill: UNKNOWN         | Spiller: CON EDISON                   | Spiller Phone:                       |
| Notifier Type: Responsible Party | Notifier Name:                        | Notifier Phone:                      |
| Caller Name:                     | Caller Agency:                        | Caller Phone:                        |
| DEC Investigator: JHOCONNE       | Contact for more spill info: ERTSDESK | Contact Person Phone: (212) 580-8383 |

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 08/15/2007 |                     | UNKNOWN        | NO                      | NO                  |

|                   |                |                  |         |                    |         |                      |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

Caller Remarks:

1 OUNCE RELEASED ONTO SOIL; CLEAN UP PENDING SAMPLE RESULTS; 207590

DEC Investigator Remarks:

207590. see eDocs

Report says this was boring 8A in basement of T-11 east of Desup storage tank. Work is for future York substation. Samples being analyzed.

8/15/07: Spoke with Kerri-Ann Southwell, EH&S Manager for E74th St station. While drilling structural boring B-9, approximately 12 ft south of B-8, evidence of petroleum odors was detected in weathered bedrock core. The core section was from 5'2" to 7'6". Petroleum odors not detected throughout entire core, just small section that was broken apart. Structural borings are being advanced in anticipation of construction of the York Ave Substation at the facility. See also spill no. 0705588. (JHO)

8/17/07: e-mail from Kerri Southwell with lab results indicating lube oil. See eDocs. (JHO)

9/13/07: closed – use 0705588 to track. (JHO)

**Map Identification Number 328****EAST RIVER**

506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 0613063****Close Date: 03/06/2007**

TT-Id: 520A-0099-179

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name:  
 DEC Investigator: smsanges

Spiller: ERTS - EAST RIVER  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: ERTS

Spiller Phone: (212) 580-8383  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 03/05/2007       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #6 FUEL OIL      |                     | PETROLEUM      | 2100                    | GALLONS | 0                   | GALLONS | SURFACE WATER        |

## Caller Remarks:

DRILL .... DRILL .... DRILL..... DRILL..... DRILL,,,,, : FROM PIPELINE AND LEAK HAS BEEN STOPPED AND BOOMED AND CLEAN UP  
 COMPANY ENROUTE DRILL DRILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 329****74 ST GENERATING STATION**

506 EAST 75 STREET

MANHATTAN, NY

**Spill Number: 0607010****Close Date: 11/10/2006**

TT-Id: 520A-0099-119

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

|                   |                       |                              |                  |                       |                |
|-------------------|-----------------------|------------------------------|------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | CON EDISON       | Spiller Phone:        |                |
| Notifier Type:    | Responsible Party     | Notifier Name:               |                  | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |                  | Caller Phone:         |                |
| DEC Investigator: | GDBREEN               | Contact for more spill info: | BARBAGALLO, JOHN | Contact Person Phone: | (212) 606-2743 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 09/18/2006 |                     | UNKNOWN        | NO                      | NO                  |

|                  |                |                  |         |                    |         |                      |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| #6 FUEL OIL      | PETROLEUM      | 100.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

contained drainage moat  
cleanup scheduled for tomorrow  
retired holding tanks  
ef 202524

DEC Investigator Remarks:

202524. see edocs

See related spill 0607006.

Incorporated into spill 0607006 for convenience in documenting clean up.

Closed 11-10-06.

Map Identification Number 330



#6 FO FOUND IN RETIRED MOAT AT DOCK  
74 ST & YORK AVE. GENERATING STATION

MANHATTAN, NY

Spill Number: 0607006

Close Date: 10/15/2008

TT-Id: 520A-0099-180

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 1781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: 10021

|                             |                                           |                                      |
|-----------------------------|-------------------------------------------|--------------------------------------|
| Source of Spill: UNKNOWN    | Spiller: CON EDISON                       | Spiller Phone:                       |
| Notifier Type: Local Agency | Notifier Name:                            | Notifier Phone:                      |
| Caller Name:                | Caller Agency:                            | Caller Phone:                        |
| DEC Investigator: RWAUSTIN  | Contact for more spill info: ANDREW FIORE | Contact Person Phone: (212) 580-8383 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/18/2006 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 4.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

clean-up pending samples  
source and cause  
reference number 202523.

DEC Investigator Remarks:

202523. see eDocs

9-18-06. Tim Regan says the discovery was made during a thorough inspection of the facility for an environmental audit. Normally staff has no reason to go into this area of the basement.

John Barbagallo is the plant contact. He works 3rd shift. 212-606-2743.

Winston Allen is the man on site during first shift. 347-386-3759 is his cell. Winston says contractor is coming today to do cleanup.

Kerri-Ann Southwell is the resident EH&S Facility Manager and the person who made the discovery.

Spill 0607010 incorporated into this one for convenience in documenting cleanup.

10/15/08 – Austin – Closure report submitted – 327 gals of # 6 FO eventually found – removed from moat. – spill closed as part of routine QA/QC check of spills submitted for closure – end

**Map Identification Number 331**

506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 0401143****Close Date: 09/28/2004**

TT-Id: 520A-0099-133

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: RON ELLIOTT  
 DEC Investigator: SKARAKHA

Spiller: ERT DESK  
 Notifier Name: RON ELLIOTT  
 Caller Agency: CON ED  
 Contact for more spill info: ERT DESK

Spiller Phone: (212) 580-8383  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/03/2004 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 10.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

spilled into #9 sump. no smoke fire sewers or watrways affected

**DEC Investigator Remarks:**

e2mis 153178

03-MAY-2004

10:45 hrs – During an inspection, an abnormal appearance was observed in the # 9 Sump. An oil absorbent pad was lowered into the sump, which revealed that there was oil on the surface of the water, and the oil appears to be lubricating oil. The control panel for the sump pump was then shutdown. Estimated

quantity of oil in the sump based upon the size of the sump and the thickness of the oil layer is 10 gallons. Source of the lube oil could not be immediately determined, and an investigation will continue to try to determine the source.

11:00 hrs – Requested that the stations Contract Supervisor contact a vendor to mobilize for cleanup activities. Since Allstate Powervac was currently in the process of mobilizing to perform a boiler cleaning, their workforce was re-directed to the # 9 Sump.

12:40 hrs – Allstate begins cleaning of T-9 sump.

15:00 hrs – Allstate completed pumping out oil of T-9 sump.

booms in T-9 sump and adjacent pit connecting with T-9 sump to absorb any remaining residue.

5/10/04

Environmental Engineers, J. Fox and W. Ellwood, removed booms in T-9 sump and adjacent pit connecting with T-9 sump. Boom in adjacent pit was clean so no new boom was placed back in pit. T-9 sump has traces of what appears to be a small sheen so boom was placed back in T-9 sump to absorb any remaining residue.

5/17/04

Environmental Engineers, J. Fox and W. Ellwood, removed booms in T-9 sump. T-9 sump seems to be free of oil but boom was placed back in T-9 sump to absorb any possible remaining residue.

6/2/04

Environmental Engineers, J. Fox and W. Ellwood, removed booms in T-9 sump. T-9 sump appears to remain free of oil. No more boom added.

#### Map Identification Number 332

#### 74TH ST GENERATING STAT



506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 0306344**

**Close Date: 09/16/2003**

TT-Id: 520A-0099-130

#### MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

#### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: SEAN MCKEEVER

DEC Investigator: AERODRIG

Spiller:

Notifier Name: BILL CAPUNE

Caller Agency: CON EDISON

Contact for more spill info: SEAN MCKEEVER

Spiller Phone:

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Investigation indicates there was no spill.

Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/16/2003 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SURFACE WATER        |

-----  
Caller Remarks:

sheen coming from the sub station into the east river

\*\*\*\* UPDATE CON ED IS NOT THE SPILLER SHEEN IS COMING FROM STORM DRAIN NECT TO SUB STATION \*\*\*\*\*

-----  
DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead DEC Field was "RODRIGUEZ"  
REFERRED TO WATER FOR INVESTIGATION. RAW SEWAGE COMING OUT OF E74TH AND E73RD STREET REGULATORS/ ARS

E2MIS 150354

Sewer / Water Affected: Yes

Is / Was Fire Involved: No

IS / Was Smoke Involved: No

Substance: Oil sheen

Source of Spill: NYC sewer system

Cause of Spill: Sewer system overflow

Private Property Affected: No

08:23 hrs – OMA C. Macdowell was performing normal inspection rounds at the Station's dock and observed a light oil sheen in the river at the south end of the dock. He immediately notified Shift Supervisor J. Boehm.

08:24 hrs – Shift Supervisor notified Station's EH&S Manager, R. Boscarino, of the finding via Nextel phone.

08:25 hrs – Shift Supervisor called CIG operator Sean Mckeever and reported finding of oil sheen in the river in the vicinity of the south end of the dock. River was at slack tide and there were no visible oil clumps on the water. Shift Supervisor also spoke to ERT Bill Capune regarding finding. The EH&S Manager, who was at The Learning Center, informed the Station's Project Manager, S. Wong, about the reported finding via Nextel phone and asked him to investigate further.

08:28 hrs – At the Shift Supervisor's direction, COA G. Wagner calls Ken's Marine and requests a crew to respond to the 74th Street dock to investigate and take action if necessary.

08:29 hrs – Project Manager and Shift Supervisor arrive at dock and inspect entire dock area. They find no sheen, but see debris in the river in the vicinity of the dock, and sewer water flowing out of the regulator overflow pipe that is inline with 73rd Street and 74th Street. There is also a strong smell of sewer water toward the south end of the dock. Careful inspection at the location of the Station's north and south discharge tunnels finds no sheen or oil being discharged.

The conclusion is that the sheen was a third Party spill, and was the result of roadway oil that entered the river through the sewer regulator overflows due to overnight rain.

08:34 hrs – COA G. Wagner calls back Ken's Marine to cancel request for a response boat at 74th Street.

08:40 hrs – Shift Supervisor calls CIG operator Mark Schlagel to provide update that the sheen was not from the Station's discharge tunnel or any Station activity.

10:00 hrs – ERTs Bill Capune and Maureen Sicherman arrive at 74th Street to investigate incident. Project Manager escorts them to the dock and explains the incident details.

10:20 hrs – ERTs verify that there is no sheen or oil discharge from either the north or south discharge tunnel, and depart from the Station.

13:05 hrs – Personnel from NYCDEP (Philip Saglimbene, Jorge Villacis, and Keith McDonald) arrive at Station to investigate sheen report. Project Manager escorts them to the dock and explains the incident details. They confirm that the sewer system was overflowing this morning due to rain yesterday night and due to a blockage in the system.

13:30 hrs – NYCDEP personnel depart from the Station.

**Map Identification Number 333**

506 E 75TH ST

NEW YORK CITY, NY

**Spill Number: 0305687****Close Date: 09/19/2003**

TT-Id: 520A-0099-129

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: PAUL DIDANATO

DEC Investigator: SKARAKHA

Spiller: CON EDISON

Notifier Name: GRAINGER

Caller Agency: CON ED

Contact for more spill info: PAUL DIDINATO

Spiller Phone: (212) 580-6763

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency



| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 08/27/2003       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| LUBE OIL         |                     | PETROLEUM      | 1.00                    | GALLONS | 0.00                | GALLONS | SOIL                 |

Caller Remarks:

coming off 24 hour diminimous – clean up in progress – 1 gal found in floor drain thids morning – ref #150083

DEC Investigator Remarks:

e2mis no. 150–083:

8/27/03 14:15 hrs. Operator took vendor to site to troubleshoot compressor and found floor covered with oil. Operator shuts down unit and begins cleanup. Vendor corrects problem.

Source of Spill :– Air compressor.

Cause of Spill :– Blockage in oil scavenging system.

28–AUG–2003

08:45hrs:– Rover observes approx 1 gallon of oil in the floor drains sump pit in the basement and notifies supervisor.

09:30 :– Operators placing absorbent pads in sump to remove oil.

09:45 hrs – Supervisor updated e2MIS report.

11:00 hrs – EH&S Manager, R. Boscarino begins investigation of incident by interviewing all individuals involved.

18:00 hrs – Operations flushed out all drain lines leading to sump to clear out any residual lube oil. Maintenance installing a drain line from the west air compressor condensate traps into a 55–gallon drum so that condensate can be observed for any contamination.

Both, Eric Dessen of the Law Department and Mark Maser of Corporate EH&S, determined that the spill must be considered a late notification since the drain line and sump should have been walked down upon discovery of the 8/27/03 spill.

08/29/03

07:30 hrs – Pads in sump show no more oil contamination, and spill is now considered closed. Clean pads will be left in the trench over the next several days to help capture any oil that may be adhered to the walls of the sump.

09:00 hrs – EH&S Manager, R. Boscarino continues investigation of incident.

15:00 hrs – Pads in sump appear to show no oil contamination.

09/02/03

09:00 hrs – EH&S Manager, R. Boscarino continues investigation of incident.

09/10/03

14:00 hrs – Repairs made to the air compressor appear to have corrected the oil carryover issue with the compressor.

**Map Identification Number 334** **74TH ST GENERATING STA**  
 74TH STREET

MANHATTAN, NY

**Spill Number: 0302022**

**Close Date: 05/28/2003**  
 TT-Id: 520A-0099-175

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: PAUL DONATO  
 DEC Investigator: AERODRIG

Spiller: UNKNOWN – UNKNOWN  
 Notifier Name: PAUL DONATO  
 Caller Agency: CON ED  
 Contact for more spill info: CALLER

Spiller Phone:  
 Notifier Phone: (212) 580-6769  
 Caller Phone: (212) 580-6769  
 Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/27/2003 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SEWER                |

Caller Remarks:

sheen on water – unk if con ed is actual spiller – may be from a leaking tube in fuel oil heater

---

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"  
note: incident will be closed, will be followed under previous incident for the station dated 12/3/2002. ars

E2MIS 148495

12:30 hrs – Supervisor from Parkway Maintenance (W. Brown), who was working out on the dock on a pigeon dropping clean-up project, observed what he

described as "smoke" coming from under the dock, towards the south end. He observed this shortly after a large boat had gone by rapidly, causing a large wake

and "banging noises." The supervisor reported his observation to Station's Safety Administrator who had gone out to the dock to check on the work progress.

12:32 hrs – The Safety administrator called the EH&S Manager and reported a possible sheen at the dock.

12:35 hrs – The EH&S Manager arrived at the dock and observed an oil sheen emanating from under the dock in the vicinity of the south discharge tunnel outlet.

The tide was approaching low tide. The north discharge tunnel out was also inspected and nothing was seen coming out at that location.

12:43 hrs – EH&S Manager called ERT B. Pierre to report an oil sheen discharging from the Station's south tunnel and asked for Ken's Marine to respond to deploy absorbents and/or booms.

12:51 hrs – CIG Specialist Paul Di Donato made notification to National Response Center, Rawls, 646094.

13:01 hrs – CIG Specialist Paul Di Donato made notification to New York, State Department of Environmental Conservation, #390, 03-02022.

13:06 hrs – CIG Specialist Paul Di Donato made notification to CE Law, V. Cannon.

13:19 hrs – CIG Specialist Paul Di Donato made notification to Interstate Sanitation Commission, B. Mitchell.

13:22 hrs – CIG Specialist Paul Di Donato made notification to CE Audit, B. Kearny.

CIG Specialist Paul Di Donato made notification to CE Barge Master, M. Glasser.

13:33 hrs – ERT M. Daughtrey arrived at Station to investigate sheen discharge. Divers with Miller Environmental, who have been on site, went into tunnel to inspect the absorbent booms which they had installed near the outlet of the discharge tunnel at the beginning of their tunnel clean-up operations. The water

temperature in the discharge tunnel is notably higher than usual. The water temperature at the bottom of the tunnel is 90 deg. F. and the temperature near the

surface is about 120 deg. F. The unusually high temperature is due to warming up of the station and the accumulation of wastestreams such as steam trap

discharges.

14:05 hrs – Spill response boat from Ken's Marine arrived at the dock. They were instructed to deploy absorbent booms around the outlet of the south discharge

tunnel.

15:20 hrs – ERT B. Pierre called EH&S Manager and advised that this sheen discharge incident should be added on to this e2MIS report as a continuation, rather than entering a new incident report.

15:30 hrs – Miller Environmental divers reported that at the outlet of the south discharge tunnel, the absorbent booms that they had installed along the walls was still in place. Regarding the two layers of boom that had been strung across the tunnel, one was missing and the other was detached but still in the tunnel. The divers installed two new layers of boom across the tunnel.

17:00 hrs – Ken's Marine retrieved absorbent "pad-type" boom that they utilized when they first arrived, finished deploying two layers of absorbent "sausage- Environmental Detailed Incident Report

type" boom in front of the south discharge, and left site.

05/28/03

07:00 hrs – The south discharge tunnel at the dock is inspected; no sheen is present.

**Map Identification Number 335**



**74TH ST GENERATING STAT**

506 75TH ST

MANHATTAN, NY

**Spill Number: 0210618**

**Close Date: 01/23/2003**

TT-Id: 520A-0099-160

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name: SEAN MCKEEVER  
 DEC Investigator: KMFOLEY

Spiller: CON ED  
 Notifier Name: WADE STOREY  
 Caller Agency: CON EDISON  
 Contact for more spill info: SEAN MCKEEVER

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/22/2003 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 3.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

#### Caller Remarks:

off of turbine #11 which is being taken dismantled and was found while doing the work

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"  
 Con Ed e2mis #146872:

22-JAN-2003

Sewer/Water Affected: No

Active Fire/Smoke: No

Substance: Lube Oil

Source of Spill: Turbine Unit #11-Lube Oil Return System

Cause of Spill: Residual Oil Leak from Lube Oil Return System

Private Property Affected: No

At 12:50, 74th Street Environmental Engineer James Fox discovered a petroleum release originating from Turbine Unit #11 Front Standard. Turbine Unit #11 is currently retired, and being dismantled. James Fox informed me of the Oil Spill at 13:00. Upon investigation, it was determined that approximately 4 gallons of lube oil had leaked from a section of return piping on the lube

oil system. The release has since been controlled by applying oil pads, and had not entered any waterways or sewers. The oil was released on to an impervious, concrete floor. Jason Wilkes of construction, Dannion Jordan and George Wagner from the operations department were dispatched to the spill site for clean up.

At 13:30, David Kinberg of the ERT Desk was informed of the release. Mr. Kinberg was informed that the spill clean up time was estimated to be greater than two hours.

**Map Identification Number 336** **74TH ST GENERATING STATIO** **Spill Number: 0210280** **Close Date: 02/26/2003**  
 506 EAST 75TH STREET MANHATTAN, NY TT-Id: 520A-0099-128

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: MARK SCHLAGEL

DEC Investigator: AERODRIG

Spiller: CON EDISON

Notifier Name: MR. WAGONER

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone: (212) 580-6763

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 01/12/2003        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
|                   |                     |                |                         |         |                     |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |

## Caller Remarks:

THERE IS A TUNNEL THAT LEADS FROM THE GENERATING STATION TO THE EAST RIVER. THE TUNNEL ALLOWS CONDENSATION TO LEAVE THE GENERATING STATION. WHILE THEY WERE CHECKING THE TUNNEL TODAY THEY DISCOVERED OIL IN IT. THERE ARE SOME CLUMPS OF OIL VISIBLE IN THE RIVER. IT'S ASSUMED TO BE #6 OIL, BUT THAT HASN'T BEEN CONFIRMED. MARINE COMPANY WAS DISPATCHED. NRC WAS NOTIFIED, ALSO.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"  
 e2mis no. 146-672:

At 11:25 the security guard reported globs of oil in the river.

The rover immediately checked the tunnel outlets on the dock and observed the globs coming from the tunnel.

11:40 called up spill response vendor to install boom on dock.

This incident, which reported the observation of oil globs in the vicinity of the Station's south discharge tunnel, was investigated and determined to be the

result of the oil spill that occurred on 12/03/02. Information from this report has been incorporated into e2MIS #146233.

note: See 12/3/2002 spill at east 74th street station. This incident will be closed.

**Map Identification Number 337** **74TH ST GENERATING STATION** **Spill Number: 0209194** **Close Date: 03/20/2008**  
 74TH ST GENERATING STATION MANHATTAN, NY TT-Id: 520A-0099-176

#### MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 1781 feet to the NNE

#### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: 10021

|                                        |                                               |                                      |
|----------------------------------------|-----------------------------------------------|--------------------------------------|
| Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: CHARLIE MCCARTHY – CON ED            | Spiller Phone: (212) 580-6763        |
| Notifier Type: Responsible Party       | Notifier Name: SAME                           | Notifier Phone:                      |
| Caller Name: CHARLIE MCCARTHY          | Caller Agency: CON EDISON                     | Caller Phone: (212) 580-6763         |
| DEC Investigator: JHOCONNE             | Contact for more spill info: CHARLIE MCCARTHY | Contact Person Phone: (212) 580-6763 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/06/2002 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

#### Caller Remarks:

THERE WAS A FIRE AT LOCATION WITH SMOKE AND INJURIES 5 INJURIES WITH POSSIBLE SMOKE INHALATION.THIS WILL BE CLEANED UP IN THE

MORNING CLASSIFIED AS 50 TO 499.

-----  
DEC Investigator Remarks:

03/20/08 – See eDocs for Con Ed report detailing cleanup and closure.

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"

**Map Identification Number 338**      **74TH ST GEN.STATION**  
 506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 0209051**

**Close Date: 10/31/2003**  
 TT-Id: 520A-0099-127

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: KEVIN MCCARDLE  
 DEC Investigator: KMFOLEY

Spiller: CON EDISON  
 Notifier Name: MR WONG  
 Caller Agency: CON EDISON  
 Contact for more spill info: KEVIN MCCARDLE

Spiller Phone: (212) 580-6763  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),  
 contamination of drinking water supplies, or significant release to surface waters.  
 Class: Unable or Unwilling RP – DEC Field Response – DEC Corrective Action Required

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/03/2002 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SURFACE WATER        |

-----  
Caller Remarks:

AMOUNT REPORTED AS 2 ONCES. MATERIAL DISCOVERED IN A A TUNNEL AT

ABOVE LOCAITON THAT LEADS TO THE RIVER. NRC HAS BEEN NOTIFIED.

CONTRACTOR RESPONDING TO PLACE BOOMS IN RIVER. CON ED NOT AVAILABLE



AT TIME OF CALL.

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"  
Con Ed e2mis #146233:

03-DEC-2002 21:35:52

Sewer / Water Affected: Yes

Substance: #6 fuel oil

Still under investigation, suspect leak in fuel oil heater.

12/03/02

14:30 hrs – While investigating a problem with the SPDES sampling system out on the dock, a thick black substance, which appeared to be #6 oil, was found clogging the tubing. Looking over the dock into the water found an couple of globs of black material floating away from the dock in the vicinity of the north tunnel outlet. No sheen, however, was observed on the water.

14:42 hrs – The EH&S Manager called CIG operator Kevin Mcardle and reported a possible oil spill to the waterway with an initial estimated quantity of a few ounces based on the blobs that were actually seen in the water. Asked that Ken's Marine be deployed to the site with containment boom and absorbents.

14:47 hrs – ERT Sean Mahoney called EH&S Manager and advised that Ken's Marine was called and on the way, and ERT members were also on the way to the site. Further investigation by site personnel finds that there is #6 oil on the walls in the discharge tunnel.

15:08 hrs – Ken's Marine called EH&S Manager and confirmed that they were in route.

15:35 hrs –ERT members William Capune and Dan Ponticorvo arrive at site.

15:43 hrs – ERT Sean Mahoney called EH&S Manager and said that he would be faxing a Coast Guard Witness Statement to be filled out.

16:00 hrs – First vessel from Ken's Marine arrived on site. Started deploying containment boom in from of the north and south discharge tunnels.

16:12 hrs – Second vessel from Ken's Marine arrives on site and assists with boom deployment.

16:30 hrs – EH&S Manager spoke to Dennis of Clean Harbors. They will be on site at 09:00 hrs tomorrow with boom, vessels, and skimmer to replace Ken's Marine equipment. After consulting with the EH&S Manager, William Capune calls CIG and revises the estimated spill quantity to 20 gallons.

16:35 hrs – Env. Engr., J. Fox, called Adam at Miller Environmental about getting crew to start clean-up of discharge tunnel.

17:38 hrs – Miller Environmental called back and said that a supervisor and 3 technicians would be sent out with an estimated time of arrival of 19:30 hrs

19:15 hrs – Truckload of absorbent materials (snares, sausage boom, etc.) from Ken's Marine arrived on site. Materials were brought out to dock.

19:25 hrs – ERT Mike Kessler arrived at site.

20:15 hrs – Crew from Miller Environmental arrives on site.

20:20 hrs – Additional absorbent materials (snares, sausages) deployed in river within containment boomed area.

21:00 hrs – Miller Environmental placing snares and sausage absorbents in each of the 4 discharge tunnel access points and changing them out as they become soiled with oil.

21:45 hrs – After intensive investigation, Operations finds oily contamination on the condensate side of the fuel oil heater that is used when shuttling fuel oil back through the pipeline from Keyspan Ravenswood. This heater is used only occasionally (whenever fuel shuttling is needed) and was most recently put into service on Sunday (12/01/02) morning around 08:05 hrs. Based on this finding, the probable spill scenario is as follows:

- sometime between when the fuel oil heater was last used and 12/01/02, a leak developed in the heater allowing fuel oil to move from the tube side of the heater to the shell side of the heater;
- when the heater was put into service on Sunday, the steam and condensate pushed out all of the oil that had accumulated on the shell side of the heater into the condensate discharge line;
- since the steam pressure is maintained higher than the oil pressure when the heater is operating, the pressure differential kept additional oil from leaking out into the shell side of the heater;
- when the shuttling operation was completed, the fuel oil heater isolation valves were shut at approximately 10:31 hrs, preventing any further oil from going to the condensate discharge line.

Thus, the oil spill is believed to have occurred on Sunday, 12/01/02, shortly after 08:00 hrs, caused by a leak in the shuttling fuel oil heater, and the quantity was limited to the amount of oil that had migrated from the tube side to the shell side of the heater.

12/04/02

09:00 hrs – First vessel from Clean Harbors Coop arrived a dock and was instructed to start deploying their boom in front of the dock so that the booms from Ken's Marine could be withdrawn.

09:30 hrs – An additional workboat and a skimmer boat from Clean Harbors arrives at Station. The skimmer boat would be used to capture recoverable oil if any were seen coming out from the discharge tunnels.

11:00 hrs – Kerry Foley of NYSDEC called EH&S Mgr. for an update on spill investigation and clean-up. She was advised that the estimated spill quantity would be revised upwards somewhat and would be based on a calculation of the internal volume of the fuel oil heater found to be the cause of the spill. Although the figure was not yet available, the revised quantity would not be more than 100 gallons.

11:10 hrs – U.S. Coast Guard (BM3 Steven Decker, MST3 Mike Brady, MK3 Oscar Farios, GM3 James Caliendo, and MST3 Tim Fosdick) arrive at Station. EH&S Mgr. reviewed the entire incident history, its current status, and the planned operations with them. The Coast Guard was also shown all areas related to the incident including the dock, the package boiler fuel oil heater area, and the 4 access points to the discharge tunnel from the Station's basement. No sheen or globs of oil were observed by the tunnel discharge to the East River. The Coast Guard was asked whether the boom along the dock should be maintained; they advised that it wasn't necessary and that all of it could be removed. They were also advised that the estimated spill quantity would be increased somewhat. Overall, the Coast Guard indicated that they were satisfied with the spill response and plans, and imposed no additional requirements.

12:30 hrs – ERT members William Capune and Sean Mahoney arrived at site and were updated as to incident status. They too were advised that the estimated spill quantity would be increased somewhat.

12/05/02

07:00 hrs – Crew from Miller Environmental (1 supervisor, 4 technicians) arrives on site and works on recovering oil from the discharge tunnel using snares and absorbent materials.

08:00 hrs – Crew from Allstate Power-vac arrives on site with a vacuum tanker truck to work on cleaning out the fuel oil heater that is suspected to have caused the spill.

13:00 hrs – Abraham Rodriguez, from NYSDEC arrives at the site. He is given a complete overview of the spill incident and inspects the fuel oil heater area, the dock, and the discharge tunnel access locations in the basement. No sheen or globs of oil are seen emanating from the discharge tunnel at the river. He is satisfied with the spill response and plans.

19:15 hrs – Calculation of the shell-side internal volume of the fuel oil heater, which equates to the probable quantity of fuel oil spilled, yields an estimate of 40 gallons. The e2MIS report is updated.

19:19 hrs – EH&S Manager called CIG updating the estimated spill quantity from 20 gallons to 40 gallons.

19:30 hrs – Allstate Power Vac completed the cleaning out and opening of the shuttle fuel oil heater.

12/06/02

07:00 hrs – Crew from Miller Environmental on site to continue oil recover from the tunnel using snares and absorbents.

12/7/02 & 12/8/02

Crew from Miller Environmental on site to continue oil recover from the tunnel using snares and absorbents.

12/9/02

Miller Env. continuing oil recovery. Divers from International Telecom Group, subcontracting to Miller Environmental, arrive on scene and begin setup and testing of equipment.

12/10/02

Miller Env. continuing oil recovery. Divers finishing setup of equipment. Diver went into T11 manhole and did survey of south tunnel.

12/11/02

Miller Env. continuing oil recovery. Diver went in T-11 manhole and observed two sewer pipes running across south tunnel about 45' in from tunnel outlet. The tunnel is clean from pipes to outlet of tunnel. Second diver went in and power washed 12 foot area in south tunnel from pipes heading west toward building.

12/12, 12/13, 12/14, 12/15/02, 12/16-12/18/02

Miller Env. continuing oil recovery.

12/19/02

Miller Env. continuing oil recovery. Diver went into T-11 manhole and power washed from previous spot. Second diver went in and continued power wash. Skimmer set up and running at manhole by metal dumpster.

12/20, 12/21, 12/22, 12/23, 12/24/02

Miller Env. continuing oil recovery.

12/26-12/31/02, 1/3, 1/4, 1/6-1/11/03

Miller Env. continuing oil recovery. Diver went into metal dumpster access hatch and power washed from previous spot.

01/12/03

11:25 hrs - A Station security guard, inspecting the dock area during his normal rounds, observed a few globs of a black material floating in the river in the vicinity of the south discharge tunnel outlet. He reported his observation immediately to rover L. Claris.

11:35 hrs - The rover immediately checked both the north and south tunnel outlets, verified globs of congealed #6 oil by the south tunnel, and reported back to the Shift Manager. The East River was at slack tide.

11:40 hrs – Ken's Marine, the Company's 1-hour OSRO, was called and informed of a possible spill and was requested to report to site and deploy boom.

11:45 hrs – Shift Manager, W. Allen, notified Station's EH&S Manager of observation. The oil pipeline fuel oil leak detection system was reviewed and the East River Drive was inspected for oil leaks. Station personnel also began inspection of equipment in station including fuel oil heaters and tunnel manholes..

12:05 hrs – No oil was observed in vicinity of tunnel outlets.

12:52 hrs – EH&S Manager arrives on site and inspects discharge tunnel through the 4 access locations in the Station. No new oil was observed on the water surface. Dock area is also inspected and no oil is observed.

13:00 hrs – Ken's Marine arrived at station dock with their workboat. The watched the south discharge tunnel outlet but did not observe any oil globs floating out of tunnel or in the vicinity.

13:15 hrs – Based on thorough inspections of tunnel and Station equipment, the EH&S Manager concluded that the globs observed earlier were not the result of a new spill but rather, were residual oil from the original spill that migrated out of the tunnel.

13:30 hrs – As a precaution, Ken's Marine installed two layers of sausage absorbent boom at the south tunnel outlet, under the wood dock structure, and then departed.

14:00 hrs – Inspector from NYCDEP, Wai Man Wong, arrives on site. EH&S Manager and Env. Engr. J. Fox discuss incident with him and walk him through the Station. Inspector is satisfied with our response.

14:30 hrs – NYCDEP Inspector leaves site.

15:05 hrs – CIG Operator Morris is called and informed of change in status, that the earlier observation was not a new spill.

01/13/03

Miller Env. moved location to T-11 access. Removed old boom that was used as a dam and replaced with new boom.

0900 hrs 2nd skimmer located at 3rd access hatch by #10 condenser is in service.

09:36 hrs – Representatives from U.S. Coast Guard (MST3 Kelly Garot, BM3 Michael Kenfield, MST3 Carlos Sivilla, and MST3 Michael Brady) arrive at Station. EH&S Manager, and Env. Engrs. J. Fox and W. Ellwood, brief them on yesterday's incident. After a thorough inspection, they are satisfied with the incident response and status.

10:20 hrs – Coast Guard representatives leave site.

10:45 hrs – Jane O'Connell of NYSDEC calls EH&S Manager for an update on the yesterday's reported spill. The entire incident was explained and this spill incident report was referenced. She was also informed that the e2MIS report that was entered yesterday (#146672) would be voided, and this report would be amended to include information about yesterday's events.

1/14, 1/15, 1/16/03

Miller Env. continuing oil recovery. Diver went into T-11 access hatch and power washed from previous spot. Second diver went in and continued power wash.

10:00 hrs – Received U.S. Coast Guard Notice of Violation, via interoffice mail from Anthony Drumblings. Original Certified mail had been delivered to him and he forwarded it to 74th Street Station. The proposed penalty for the spill is \$625.00.

11:00 hrs – Faxed copies of USCG Notice of Violation to Law Department, Corporate EH&S, and ERT. Mailed originals to Law Department via interoffice mail.

1/17, 1/18, 1/20–1/22, 1/24,1/25, 1/27–1/30/03

Miller Env. continuing oil recovery. Diver went into T-11 access hatch and power washed from previous spot. Second diver went in and continued power wash.

23:19 hrs – EH&S Manager called ERT David Duke and reported that a small leak on the west main heater was discovered at 22:45 hrs and that Operations was taking the heater out of service as of 23:00 hrs. ERT was informed that this leak has been determined to be the true cause of the oil spill originally reported on 12/03/02, rather than the shuttle heater, but that any additional oil that has been spilled to the discharge tunnel has not been discharging to the East River due to continuing clean-up operations that have been going on in the tunnel since 12/03/02 using barriers, absorbents, and divers.

01/31/03

00:15 hrs – EH&S Manager called ERT D. Duke and reported updated spill quantity to be an additional 180 gallons. This was based on visual observation of the rate at which oil was appearing in the fuel oil heater condensate oil/water separator. The rate of 16 ounces per hour, extended over approximately 60 days, yields 180 gallons. Thus the total reported spill quantity should be 40 gallons, plus an additional 180 gallons, for a total of 220 gallons.

0700 hrs Miller Env. continuing oil recovery. Diver went into T-11 access hatch and power washed from previous spot. Second diver went in and continued power wash.

10:30 hrs – NYSDEC engineer, Abraham Rodriguez, arrived at 74th Street for his quarterly unannounced SPDES inspection. In addition to the usual inspection items, Mr. Rodriguez was informed about the installation of the new cooling and separator equipment, discovery of the true spill cause, updated on the revised spill quantity, and briefed about the continuing clean-up status.

2/1, 2/3–2/6, 2/10–2/14, 2/19– 2/21, 2/24–2/28, 3/1/03

Miller Env. continuing oil recovery.

03/06/03

14:30 hrs – Engineering Inspector L. Sewell reports to Env. Engr. W. Ellwood and EH&S Mgr. S. Wong that the vendor cleaning the tunnel has reported that they think that there may be new oil going into the tunnel. EH&S Mgr. investigates and finds some indications of new oil in the tunnel including absorbent booms soiled with #6 oil and spots of oil on the surface water in the tunnel. The supervisor from Miller Environmental reports that he is not completely certain that the oil is new and that the temperature of the water in the tunnel seems higher today than previously, possibly causing oil residual oil on the walls to loosen. Inspection of the station's sumps, oil/water separator and equipment areas finds no abnormal conditions. The tunnel outlet is inspected and there is no oil discharging to the river (due to the seven layers of boom that have been installed in the tunnel outlet to prevent any migration out of the tunnel during the clean-up project). If the oil sighted is new, the estimated quantity is less than 20 gallons. Investigation is continuing to try to determine if there is any new oil entering the tunnel, or whether its just oil from the old spill being loosened off the walls.

16:50 hrs – Thorough investigation, by Operations and EH&S personnel, of all fuel oil heaters, piping, tanks, systems, sumps, and related equipment has been unable to identify any source that might have caused any new #6 oil to enter the tunnel. Observation and investigation will continue as needed.

17:00 hrs – EH&S Mgr e-mailed a copy of this updated e2MIS report to ERT.

17:35 hrs – ERT, M. Dougherty, informed EH&S Mgr. that Jane O'Connel of NYSDEC has been informed and that Inspector A. Rodriguez will probably visit site on Monday.

03/07/03

00:45 hrs – Shift Supervisor, W. Forte, had been investigating any other possible sources that may be adding oil to the discharge tunnel. He discovered some oil at the sodium hypochlorite injection manhole (which is a retired system) of the intake tunnel. The Shift Supervisor immediately calls the EH&S Mgr at home.

02:00 hrs – EH&S Mgr arrives on site and investigates further. Inspection of the intake tunnel at various other points finds no oil contamination, and no oil is seen discharging from either the intake or discharge tunnels.

0700 hrs – Miller Env. continuing oil recovery. Diver went into T-11 access hatch and power washed from previous spot. Second diver went in and continued

power wash.

08:00 hrs – The sodium hypochlorite is a former cooling water pump cavity. Maintenance crews begin working on removing the 17 foot long hypochlorite injection probe and the manhole cover (which is held in place by thirty-two bolts).

15:00 hrs – Removal of the injection probe is complete, yielding a 6" hole in the manhole cover. Inspecting through the 6" hole finds that the oil in the pump

cavity has a depth of approximately 2 feet. Based on the depth of oil and the dimensions of the cavity, the estimated quantity of oil in the cavity is 360 gallons.

It is presumed at this time that the oil is from the same fuel oil heater leak and accumulated in the pump cavity through some

subsurface defect.

16:00 hrs – Maintenance crews will continue working to remove the 3.5' diameter manhole cover and arrangements have been made to have Allstate PowerVac on site tomorrow morning to start clean-up in the pump cavity. Based on the 360 gallons of oil estimated to be in the pump cavity, and the 20 additional gallons that is estimated to have gone to the discharge tunnel, the total spill quantity estimate is now 600 gallons.

18:35 hrs – Updated e2MIS report, then called ERT Mike Dougherty and informed him of latest change in incident status, and that e2MIS report has already been updated.

03/08/03

Miller Env. continuing oil recovery. Diver went into T-11 access hatch and power washed from previous spot. Second diver went in and continued power wash.

08:00 hrs – Manhole cover at hypo tanks had been removed last night and crew from Allstate Power-vac has arrived on site with a 3,000 gallon vac truck.

10:00 hrs – A steam supply and a lance assembly was fabricated to help warm up the oil in the manhole to facilitate vacuuming it out.

16:00 hrs – Despite continuous heating with steam and efforts by Allstate Power-vac to remove the oil in the manhole, the vac truck's hose keeps getting clogged due to the thickness (high viscosity) of the oil.

03/10/03

Miller Env. continuing oil recovery. Diver went into T-11 access hatch and power washed from previous spot. Second diver went in and continued power wash.

08:00 hrs – Allstate Power-vac crew arrives on site again with a vac truck to remove oil from manhole. Miller Environmental and diver crew also on site to

continue clean-up in discharge tunnel. Steam is again fed into the manhole to warm the oil to facilitate vacuum removal.

09:45 hrs – ERTs Bill Capune and David Duke arrive on site to check on spill incident.

11:50 hrs – NYSDEC representative Abraham Rodriguez arrives on site. The EH&S Manager shows him the manhole, and all available drawings of the manhole arrangement. He is informed that the oil probably seeped into the manhole through a subsurface defect path between the nearby package boiler wastewater trench and the manhole. Mr. Rodriguez witnesses the seepage of water into the manhole on its northwest wall, and also that there is no oil in the inlet tunnel at

T-11 saltwater pumps, and no discharge into the river from the inlet or outlet tunnels.

12:55 hrs – Mr. Rodriguez leaves 74th Street Station and proceeds to 60th Street Station for a brief inspection. The ERTs also



leave the site.

14:00 hrs – The manhole cover to the inlet tunnel, in the vicinity of the metal dumpster, is removed and verified to be oil free.

16:00 hrs – The Allstate Power–vac vacuum truck leaves the site with a full load (3,000 gallons) of oil/water (mostly water). Another vac truck is reported to be on the way to the site.

18:00 hrs – A second Allstate Power–vac truck arrives on site. In an effort to improve the vacuum's performance, the truck is backed into #1 door so as to minimize the length of hose needed and the friction losses through the hose.

20:00 hrs – Despite continuous heating with steam and the close proximity of the vac truck, the 3" hoses being used keep clogging–up and preventing suction of

the oil. The EH&S Manager confers by phone with the Allstate Power–vac Project Manager, and they decide to try again the following morning with a 6" hose.

03/11/03

Miller Env. continuing oil recovery. Diver went into T–11 access hatch and power washed from previous spot. Second diver went in and continued power wash.

09:00 hrs – ERT Bill Capune arrives on site along with vac truck and crew from Allstate Power–vac.

09:30 hrs – Allstate setting up vac truck with a 6" suction hose. Meanwhile, a 1–liter samples of the oil in the manhole is taken as well as a sample of fresh #6 oil from the PB fuel oil heater. The sample of oil from the manhole is noticeably more viscous, appears to be a dark brown color, and is less odorous than the fresh oil sample. The samples will be sent to Astoria Lab for testing, including pour point, viscosity, sulfur content, API gravity, flash point, and oil ID.

14:00 hrs – Allstate Power–vac has removed the mass of viscous oil in the manhole and all free oil on the manhole's water surface. Clean–up of the walls in the

manhole remain and Allstate will devise power washing tools/wands to reach the wall surfaces.

3/12/03

Miller Env. continuing oil recovery. Diver went into T–11 access hatch and power washed from previous spot. Second diver went in and continued power wash.

03/13/03

Miller Env. continuing oil recovery. Diver went into T–11 access hatch and power washed from previous spot. Second diver went in and continued power wash.

08:00 hrs – Allstate Power–vac cleaning walls of former pump cavity to intake tunnel, near hypo tanks, using high pressure &

temperature power washer and vac truck.

14:00 hrs – Allstate's cleaning effort in former pump cavity is incomplete due to limited reach into cavity from their work position on the basement floor. EH&S Mgr. requested that Miller Environmental clean rest of pump cavity using their diver crew.

3/14/03

Miller Environmental begins cleaning of manhole of intake tunnel by hypo tanks.

03/15/03

Miller Environmental continuing cleaning of manhole of intake tunnel by hypo tanks.

14:00 hrs – Miller Environmental completed cleaning two of the walls in the former pump cavity.

3/17/03

Diver went into intake tunnel to inspect other retired pump cavities west of manhole. They found no trace of oil in other cavities. Second diver went in intake

tunnel, went east of manhole and noticed 1/2" to 1" thick oil on roof of intake tunnel up to 60 feet away.

3/18/03

Diver went into intake tunnel with video camera and found that west of the tunnel on roof there was 1/2" to 1" thick oil on roof up to 60 feet away and east of manhole up to 160 feet away.

3/19/03

Divers went into intake tunnel to set up booming system to contain oil while cleaning.

NOTE: THIS INCIDENT REPORT IS NOW TOO LONG TO ACCEPT ANY ADDITIONAL INFORMATION, AND IS THEREFORE CONTINUED IN e2MIS

#148495.

DEC Notes:

12/4/02 ERT Sean Mahoney-upgraded to 20gal. Heater leaking in package boiler area. Should not be considered an active leak. Resetting boom. Clean Harbors Co-op Dennis McCarthy on site. Steam pressure is greater than pressure of oil line and is therefore not actively leaking. (KMF)

12/4/02 Steve Wong, EH&S Mgr of station- Clean Harbors on site. Picking up boom placed by Ken's Marine. Putting together Health and Safety plan for divers to cleanup tunnel. Miller Env. booms inside tunnel. Tunnel cleanup will be completed in short windows during low tide (3am). Leak is from heat exchanger within package boiler area. Was in service on Sunday. Suspected

cause is a tube defect. Steam pressure > oil pressure during normal operating conditions. When steam was shut down, oil entered steam side. Isolated now. Not active leak. See very little oil on surface. Most is in tunnel on walls. (KMF)

12/5/2002: Con Ed monitor (Rodriguez) had a meeting with Steve Wong, E,H, and S manager of the East 74th Street Generating Station. The purpose of the meeting was to investigate the causes of a #6 oil spill that impacted the East River. The spill happened two days earlier. The spill was caused by a pinhole in one of the #6 oil heaters (heat exchangers). #6 oil is heated in a shell and tube heat exchanger using steam. The pressure of the steam is much higher than the pressure of the oil. The station personnel think that when they shut down the steam, some oil entered the steam side of the heat exchanger. The steam side discharges directly to the river with no treatment. The station used to have a oil water separator in that line, but they removed it because it could not withstand the high temperatures of the condensate (200 degrees Fahrenheit). The discharge tunnel was inspected and there was no sign of visible sheen leaving the station. However, there is a light sheen and black staining on the tunnels below the station. Miller Environmental is cleaning the sheen using pads. The station hired divers to remove the black staining from the tunnel wall.

Due to the high temperature of the condensate, it cannot be pumped to the station's sumps because it damages the sump pumps. However, the station has a project to redirect the condensate to the sumps and adding a heat exchanger to reduce the condensate temperature. The final drawings are to be finished at the end of this month. A copy of the drawings was requested for review.

The Coast Guard had 5 inspectors in the station last night; They were satisfied with the station's cleanup efforts.

1/31/03 0913hrs ERT Bernard Pierre called with an update. A total of 180gal of #6 fuel oil was determined to have spilled at a rate of 16oz/hr. (KMF)

2/6/2003 Drawings and specifications were received by the department regarding the installation of a heat exchanger system for the steam condensate. The project is expected to be completed June 30, 2003.

3/10/2003. Oil was found on the intake tunnel trapped inside a manhole. The divers mentioned that areas that were cleaned inside the discharge tunnel were starting to become stained with oil again. The station underwent a search of the possible source. They found that oil was trapped inside a manhole in the intake channel that now is not used anymore. Apparently there is a cross connection between the intake and the discharge. Con Edison estimates that around 2' of 6 oil was trapped in this manhole. Con Edison was warming the oil using steam to facilitate its cleanup. Clean ventures was at the site performing the cleanup. (ARS)

4/29/03 Update from ERT Dave Duke

On 4/22/03 a sample taken from the tunnel area returned as a heavy fuel oil. Updated as 375gal. It was not ID'd as old lube oil as in the manhole. I requested that they use the same e2mis number (147703) to track this incident and send me the updated report. (KMF)

6/26/2003: The station was inspected. A sheen was visible in the outfall. Con Edison will now move to a maintenance phase of the cleanup. Con Edison completed the installation of the steam condensate condenser. ARS

9/12/2003: The condenser is in operation. A meeting will be set to see if the spill can be closed. ARS

10/31/2003: OUTFALL AND TUNNEL WAS INSPECTED BY RODRIGUEZ AND FOX(CON EDISON). NO EVIDENCE OF SHEEN WAS NOTICED. ABSORBENTS WILL

BE LEFT AT OUTFALL AS A PRECAUTION. INCIDENT IS CLOSED. ARS

**Map Identification Number 339****74TH ST GENERATING STATIO**

506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 0201492****Close Date: 04/21/2003**

TT-Id: 520A-0099-125

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: PETE MCGUIRE  
 DEC Investigator: KMFOLEY

Spiller: UNKNOWN  
 Notifier Name:  
 Caller Agency: CON EDISON  
 Contact for more spill info: CALLER

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/09/2002 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 4.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

SAMPLES TAKEN FROM DEBRIS IN BOILER ROOM TRENCH. CON ED # 142745.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"  
 e2mis 142745

05/09/02, 16:00 hrs – EH&S manager opened an e-mail from Astoria lab. LSN 02-03790 contained lab results of six samples of debris that were taken from HP boiler room trenches. The sample from the vicinity of the treated water surge tank was 1,400 ppm for Aroclor 1260.

16:55 hrs – ERT S. Mahoney called EH&S manager back and said that if the trench could no be cleaned out within 2 hours then the situation should be reported to CIG and an e2MIS report needs to be entered.

17:20 hrs – Shift Manager, W. Allen called CIG McGuire to report incident. CIG was advised to assume that the quantity of Aroclor 1260 would be less than 5 gallons.

18:30 hrs – EH&S Manager called B. Cohen to discuss regulatory requirements for clean-up start time. B. Cohen advised that since this was obviously an old spill, there is no regulatory requirement for clean-up start time, however it would be prudent to start within 24 hours of discovery.

19:15 hrs – Installed barrier in trench downstream of the location where the sample was taken that produced the high PCB result.

05/10/02, 09:10 hrs – EH&S manager spoke to P. Keelan (of Astoria Lab) and discussed the implications of the finding of mercury levels as high as 10 ppm in the trench debris samples. His opinion was that the mercury that was detected was not the result of an elemental spill of mercury but rather was probably simple

contamination of the debris due to years of accumulating paint flakes in the trenches (which have been known to sometimes contain lead, mercury, or PCBs). Mr. Keelan stated that the mercury contamination would not be a hazard to Station employees working of sampling or clean-up.

09:15 hrs – EH&S manager conferred with ERT's R. Lo and S. Mahoney on whether the findings of lead and mercury in the trench debris required any reporting. They stated that it did not since the finding could not be associated with any known spill event.

10:35 hrs – ERT R. Lo called EH&S manager and informed him the Abraham Rodriguez of NYSDEC would be arriving at the station around 13:00 hrs to investigate the incident.

13:15 hrs – NYSDEC inspector Abraham Rodriguez arrived at Station and was briefed about incident by EH&S manager. Action plan consisted of taking additional samples from the trenches to define the limits of the high PCB contamination and to start clean-up work in the vicinity of the high result.

14:00 hrs – Eleven additional samples of trench debris were collected and a sample of oil/water separator unit discharge water was also taken.

15:00 hrs – Station mechanics started clean-up of the trench in the vicinity of the 1,400 ppm PCB sample result.

19:00 hrs – The mechanics finished removing as much debris as possible from the trench, 10 feet in both directions from the 1,400 ppm PCB sample location. Approximately 50 gallons of dry debris was bagged and placed in a 55 gallon drum.

06/18/02

10:00 hrs – Incident type changed from "Abnormal Occurrence" to "Spill – Dielectric – Other" per instructions from B. Cohen and

08:00 hrs – Clean Venture mobilizes on site to begin clean-up of all trenches in the HP boiler room basement during the HP boiler outage.

7/17/02

Clean Venture completed cleanup of contaminated soil from trench and double wash of trench. Eleven 55-gallon drums of contaminated soil debris accumulated.

7/18/02

Waste pickup of the 11 drums of contaminated soil.

7/25/02

09:00 hrs – Chem Lab Tech J. Burgos #14404 took 15 wipe samples of trench area.

7/27/02

Received lab results LSN 02-06891-001; of the 15 wipe samples the highest PCB concentration was 1,730 ug/100cm<sup>2</sup>

7/29/02

EH&S Manager S. Wong e-mailed Barry Cohen with results and requested guidance on further actions to be taken. Barry Cohen recommended using a soda

blasting technique used by Brooklyn/Queens (B/Q) Environmental on manholes.

8/02/02

Env. Eng. J. Fox called B/Q Environmental Bob Saladino to request their organization do soda blasting on the trench. Saladino said that they would do it when

as soon as their schedule would permit, which would be a month or two.

11/11/02

08:45 hrs – B/Q Environmental supervisor and crew of 3 along with CFS supervisor and "over 50 ppm" tanker and driver arrived to do soda blast. Soda blast

completed at 17:30 hrs. Chem Lab Tech requested by J. Fox to take wipe samples. Tech to come on 11/13/02.

11/13/02

Chem Lab canceled due to overload of work and rescheduled.

11/20/02

09:45 hrs – Chem Lab Tech Guy Ballerino #44296 took 7 wipe samples of trench as per grid made by Bob O’Kane of B/Q Environmental.

11/27/02

Received lab results LSN 02-11022-001 of the 7 wipe samples with highest PCB concentration of 292 ug/100cm<sup>2</sup>.

11/30/02

EH&S Manager S. Wong e-mailed Barry Cohen with results and requested guidance on further actions to be taken. Barry Cohen scheduled to come see the trench area on 12/05/02 and evaluate.

12/05/02

08:30 hrs – Barry Cohen came to Station to see trench area and evaluate further actions to be taken. Cohen will discuss situation with EPA representative.

12/13/02

Barry Cohen e-mailed S. Wong and J. Fox about his meeting with David Greenlaw of EPA Region II. The encapsulation options are as follows:

1. double coat the floor and walls with 2 different colors of paint (epoxy coating);
2. place a solid barrier (a solid liner – not plastic sheeting) on the floor and walls;
3. fill the trench with concrete, using a pipe encased in concrete to carry the A/C water.

In addition, there must be a PCB label placed in the trench on the coating, solid barrier, or concrete.

Alternatively, the contaminated trench concrete could also be removed down to uncontaminated material and disposed of as PCB waste.

1/22/03 – 1/23/03

Enecon NorthEast came in and double coated the trench with an encapsulating epoxy.

1/28/03

Chem Lab Tech L. DeSantis #51628 came in to take 7 wipe samples from trench.

02/5/03

Received lab results LSN 03-00803 of the 7 wipe samples. All samples were under 10 ug/100cm<sup>2</sup>, but in locations 3, 4, & 5 low levels were detected. EH&S

Manager S. Wong e-mailed Barry Cohen with results for review. Barry Cohen suggested another layer of coating.

02/18/03

Enecon came back in and applied another coating of encapsulating epoxy.

02/21/03

Chem Lab Tech L. DeSantis #51628 came in to take 3 wipe samples from trench. They were locations 3, 4, &5 where the traces of PCB very detected.

02/27/03

Received lab results LSN 03-01519 of the 3 wipe samples. All samples were under 10 ug/100cm<sup>2</sup>. EH&S Manager S. Wong e-mailed Barry Cohen with results

for review. Barry Cohen said that cleanup was complete. PCB labels were applied on the epoxy coated surface in the trench, and warning signs were applied to

the floor immediately adjacent to the trench.

Detailed Description:

INSPECTOR NOTES: 6/5/2002: Rodriguez called ERT Mike Daughtrey to request the additional sample results and the separator effluent sampling results. The results will be sent on 6/6/02.

**Map Identification Number 340** **74TH ST GENERATING STAT.**  
 506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 0102317**

**Close Date: 07/17/2003**  
TT-Id: 520A-0099-159

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: CHARLIE MCCARTHY

DEC Investigator: KMFOLEY

Spiller: SAME - CON ED

Notifier Name: JAMES ETHERIDGE

Caller Agency: CON EDISON

Contact for more spill info: CHARLIE MCCARTHY

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6765

Contact Person Phone: (212) 580-6765

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency



| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 06/01/2001       |                     | OTHER          | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #6 FUEL OIL      |                     | PETROLEUM      | 60.00                   | GALLONS | 0.00                | GALLONS | SOIL                 |

Caller Remarks:

open connection on fuel oil piping. spill contained in a moat. con ed# 137423

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"  
Con Ed e2mis #137423:

06:00 hrs – Package boiler operator calls Shift Manager's office to report a fuel oil spill in the package boiler area.

06:10 hrs – On-duty Shift Manager (Allen), relieving Shift Manager (Etheridge), and acting Operations Manager (Granger) report to the scene of the spill to investigate. Approximately 60 gallons of #6 fuel oil have leaked onto the burner elevation floor and into the fuel oil heater moated area in the basement from the fuel oil piping at #5 package boiler. The source of the spill was recirculation piping on PB#5 fuel oil system that had an open end. A package boiler operator has already put a wood plug into the open end to the pipe to stop the leakage and spill clean-up equipment is being brought to the scene. (The open ended pipe was the discharge side of a relief valve on PB#5 fuel oil header. The relief valve was cut out and removed yesterday as part of a maintenance project to replace the old fuel oil meter with a new electronic meter.)

09:26 hrs – Allstate Power-Vac arrives on site and begins clean-up of all soiled areas using shovels, oil absorbent materials, wipes, and degreasers. All clean-up waste materials are placed in plastic garbage bags.

16:00 hrs – AllstatePower-Vac completes spill clean-up. All clean-up debris is placed into oily waste dumpster near T-11.

Investigation of this incident yielded the following:

On May 31st, during a full outage on the 74th Street package boilers, Station Maintenance and I&C were working on the replacement of the fuel oil meter for PB #5. The work scope of the project was modified because the spool piece assembly of the new fuel oil meter was longer than the spool piece of the old meter; this required that one of the relief / recirculation valves on the fuel oil line be relocated to allow for the additional length of the new meter. Prior to cutting through the pipe on the discharge side of the relief / recirculation valve, #6 oil was drained out of the recirculation line at a connection in the basement near the recirculation meter. When no more oil came out of the drain valve, the pipe on the discharge side of the relief/ recirculation valve was cut. Since no oil came out of any of the pipe connections for the remainder of the work shift after the old meter and relief / recirculation valve were removed, it was concluded that the isolations provided and the draining that was

performed were sufficient protection to work on the system. As this project required a fair amount of pipe fitting and welding, the work could not be finished in a single shift and was to resume the following morning. At 06:00 hrs the following morning (June 1st) an operator discovered the spill of approximately 60 gallons of #6 oil. The spill was completely contained on the concrete floor under the PB #5 fuel oil meter location and in the fuel oil heater moat in the basement. No oil entered any drain, sewer, or waterway. The chronology of the spill clean-up is already given above.

Investigation into the cause of the spill determined that a closed 3" valve on the bypass line around the fuel oil recirculation meter in the basement leaked through slowly, thus allowing fuel oil in the recirculation header (which has static head pressure on it due to the configuration of the piping system) to backfeed overnight through the piping and discharge from the open end of the pipe that had been connected to the discharge side of PB #5 relief / recirculation valve. Applying a wheel wrench to the bypass line valve handwheel, operators were able to get about an 1/8th of a turn on the valve. With this additional closure of the bypass line valve, no more oil came out of the recirculation line. As a corrective action measure as a result of the spill, temporary caps, plugs, or blind flanges will be installed on any open ends of oil system piping whenever people are not actively working on the system.

**Map Identification Number 341**

215 E 68TH ST

MANHATTAN, NY

**Spill Number: 0001429****Close Date: 02/11/2003**

TT-Id: 520A-0099-313

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1788 feet to the NW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: BILL MURPHY  
 DEC Investigator: SKARAKHA

Spiller: CON EDISON  
 Notifier Name: CALLAHAN  
 Caller Agency: CON EDISON  
 Contact for more spill info: CALLER

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/04/2000 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

3 OUNCES OF UNK LIQUID CAME OUT OF A NATURAL GAS PIPE LANDING ON 2 PEOPLE AND THE FLOOR – CLEAN UP PENDING – CASE #131210 – PCB  
SAMPLE TAKEN, ID & TCLP WASTE CHARACTERIZATION

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DEC Investigator Remarks:

5/4/00: Referred from O'Connell to Arakhan for follow up. Sam scheduled to make site visit with Vic Basso (Gas Ops) tomorrow.  
(JHO)

2/10/03: e-mail from O'Connell to Arakhan requesting info for closure:

"Sam:

Back in the Spring/Summer of 2000 I referred a number of gas condensate spills to you for follow up. I want to close them out, so I need some info from you.

2. 215 E. 68th St. – you were scheduled to make a site visit with Vic Basso on 5/5/00. That's all I have in our files. What was the outcome?"

Arakhan's response:

"Jane:

My memory and notes recall the following:

2. 5 E. 68th St. – I met Vic Basso @ 10:15 on 5/5 at the site. Investigation revealed that a boiler booster had ruptured its seal and released lubricating oil into the gas main. Cleanup and repairs were completed. No follow up needed."

e2mis no. 131–210:

Unknown liquid spilled on basement floor and on two non-company electricians. Unknown liquid came from gas flange spill contained on absorbant pads, also installed plastic around flange on gas pipe, chemist on location at 14:10 to take samples of liquid.

Basso reports that at 13:43 he interviewed Accard electrician Joe Desimone and that 2-weeks ago there was a leak on a gas

booster that he had worked on. On 5–3–00 electricians worked on the booster changing wires and conduits to the booster and that's when they found oil in the electric panel box, when they removed box they spilled app. 2–3 ozs. onto floor. Edward Algarin dismantled the booster and cleaned same, the rags that was used to clean this booster have been collected, but the clothes that he was wearing he had gotten some oil on them and he threw them out into dumpster.

5–04–00 Ed and Joe cleaned booster again and the rags are on site.

14:00 chem-lab Tony Rivera on location the oil that was collected was to be sampled for P.C.B., oil I.D. flashpoint total TCLP

less herb. and pest. There was not enough sample oil to do all that was requested so they are going to do P.C.B. and oil I.D.

15:15 Sam Arakhan from the N.Y.S/D.E.C. paged Basso who called him back and gave him an update. Sam will be out to the site on 5-5-00 at app. 10:30.

CHEM LAB SAMPLED PCB AND OIL. REMOVED TEMP PROBE DOWNSTREAM-NO OIL FOUND.HEAD OF SERVICE DRY. BOOSTER OUTLET HAS OIL FILM. REMOVED FLANGES FROM CHECK VALVES DOWNSTREAM, 2OZ OIL IN BASE OF VALVES.

5/5/00-0515AM-ID ANALYSIS SHOWS LESS THAN 1 PPM PCB'S -INDICATES AN OIL SIMILAR TO THAT OF GAS CONDENSATE.

UPDATE - May 12, 2000

GDS mechanic tapped 1/2" hole in drip leg between head of service valve and meter valve. Drip was dry. No evidence of liquid. GDS mechanic removed temperature control fitting. Inside of pipe was moist, but no liquids present. GDS mechanic checked plug at bottom of meter. Plug was moist but no liquids present. GDS mechanic took off blank flange at booster inlet. Oil present in pipe. Oil was soaked up with pads. Pipe was wiped clean from booster inlet back to tee section of check valve manifold.

UPDATE 05-24-00

On May 18th, Gary Windman, Environmental Coordinator met with representative (Joe Desimone) of Accardi Electric on location. Accardi Electric was in the process of repairing the electrical housing on the gas booster (location of gas leak forcing shutdown). Informed them that the oil which was found in pipe tested for lubricating oil and dielectric fluid #6. Advised to take precautions when cleaning piping and booster by wearing proper PPE. Also advised Accardi to open both check valves and wipe them dry.

Lab Sequence Number: 00-04690-001

Date Reported: 05/16/00

Sun#6 Cable Oil 100 %

Lubricating Oils 100 %

Petroleum Products/Dielectric Fluid - Sample contains lubricating oil and dielectric fluid. Therefore, there are similarities. Both lubricating oil (SAE#0) and dielectric fluid #6 are being reported.

5/24/00: Gary Windman received e-mail from Paul Mulqueen, Account Executive. Paul was informed by Rudin Management that repair and cleanup work has been completed at location. They are ready for gas.

**Map Identification Number 342****MANHOLE #11600**

323 EAST 60 ST

MANHATTAN, NY

**Spill Number: 0504236****Close Date: 09/16/2005**

TT-Id: 520A-0098-410

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1795 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: 323 E 60TH ST

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name: PETE MCGURIE

DEC Investigator: SKARAKHA

Spiller: UNKNOWN

Notifier Name: PETE MCGURIE

Caller Agency: CONED

Contact for more spill info: ERT DESK MIKE DAUGHTERY

Spiller Phone:

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/11/2005 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 20.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

20 gallons of unknown liquid in a manhole. Smells like gasoline however. All contained to manhole.

**DEC Investigator Remarks:**

e2mis no 159653

L Morales # 74700 discovered 20 gallons of unknown liquid (possibly gasoline due to the strong odor) mixed with 10 gallons of water on the concrete floor of the structure. No sewer or waterway affected. Source and cause of spill are unknown. At this time there is no evidence of a release to a sewer however conduit plate 32-k-3 indicated that there is a sewer connection. No visual water movement. No substantial cracks observed. 3 liquid samples were taken by L Morales # 74700 1 for id, 1 for pcb and 1 for flashpoint on a priority basis. Chain of custody # ee08710. Cleanup is pending lab results.

Update 7-11-05 @ 02:10. M Daughtrey # 88151 reports that the source of the spill was an mta bus Q60 that had a fuel spill in f/o 303 e 60 st and traveled down the block into our structure. The substance is known to be diesel fuel.

Update 7-11-05 02:30. M Daughtrey # 88151 reports that he located a witness to the spill from the bus. Witness name is Harry Esposito, he is the doorman for evansview building which is located @ 303 e 60 st. Mr . Esposito states that the spill occurred @

05:50 on 7-10-05

Update 7-11-05 @ 03:40. R Castro # 88889 reports that there is also 1 pint diesel fuel mixed with dirt from the same source that was found in s11599 b/l 313-315 e 60 st. Conduit plate # 32- k-1 indicates no sewer connection in this structure. No sewer or waterways affected. No injuries and weather had no affect. No smoke or fire involved. 2 samples taken from this spill by R Castro #88889, 1 for pcb and 1 for flashpoint. Chain of custody # ee08711. Environmental yellow tag # 48598 applied. As per ert P Walsh, since the 2 spills are from the same source they can be combined in the same e2mis report.

7/11/05 08:08 Lab Sequence Number: 05-06797-001 < 1.0 ppm

7/11/05 08:24 Lab Sequence Number: 05-06797-002  
Flash Point, PMCC > 176 deg F D93-00/EPA 1010.

7/11/05 12:28 Lab Sequence Number: 05-06807-001  
Analysis indicates the presence of a substance similar to a light fuel oil.

Update 7-11-05 @ 09:51. Lab Sequence Number: 05-06798-001 < 1.0 ppm

7/12/05 08:34 E. Pearson # 50628 underground splicer called to report that at 04:00 manhole 11600 the cleanup was completed. the tanker removed 300 gallons of water & fuel oil the structure was double washed with BG 760 The spill tag # 48597 was removed. The cleanup was done by himself & his parner K. Williams # 00098. R. Castro was the supervisor # 88889. The cleanup will continue in servicebox -11599

7/12/05 13:46 O. Mcghie # 85993 reports that Allstate did the cleanup in service box 11599. They used a flush truck an removed all liquids & solids. As reported by Abdul at Allstate there was 20 gallons of water and 200 gallons of sludge. The structure was double washe with citrus cleaner The spill tag # 48597 was removed.

Closed. 9-16-05. GB

**Map Identification Number 343** **211382; 1ST AVENUE AND E 74 STREET**  
 1ST AVENUE AND E 74 STREET

**Spill Number: 0814196** **Close Date: 07/08/2010**  
NEW YORK, NY TT-Id: 520A-0248-615

MAP LOCATION INFORMATION  
Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 1813 feet to the N

ADDRESS CHANGE INFORMATION  
Revised street: 1ST AVE / E 74TH ST  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: Responsible Party  
Caller Name:  
DEC Investigator: dmpokrzy

Spiller: ERT DESK - CON EDISON  
Notifier Name:  
Caller Agency:  
Contact for more spill info: ERT DESK

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/15/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | UTILITY              |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

07/08/2010

See eDocs for Con Ed report detailing cleanup and closure DMP

**Map Identification Number 344**



**EAST 74TH ST GENERATING S**

E 74TH ST/ 1ST AVE

NEW YORK, NY

**Spill Number: 0805564**

**Close Date: 08/14/2008**

TT-Id: 520A-0220-487

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1813 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name:

DEC Investigator: RMPIPER

Spiller: ERTSDESK – EAST 74TH ST GENERATING S

Notifier Name:

Caller Agency:

Contact for more spill info: ERTSDESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/13/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SURFACE WATER        |

---

 Caller Remarks:

sheen of oil and grease has been said to go into the east river; has failed speedies; have people monitoring it

---

## DEC Investigator Remarks:

10/20/08 – See eDocs for Con Ed report detailing cleanup and closure.

referred to dec water. Closed.

10/16/08 – Austin – Received final EMIS – this spill reviewed as part of QA/QC of submissions – spill closed – end

## Map Identification Number 345

## REGULATOR 02A



74TH ST AND 1ST AV

MANHATTAN, NY

Spill Number: 0312155

Close Date: 02/02/2004

TT-Id: 520A-0092-800

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1813 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: E 74TH ST / 1ST AV

Revised zip code: 10021

Source of Spill: RAILROAD CAR  
 Notifier Type: Local Agency  
 Caller Name: RICHARD DESFOSSE  
 DEC Investigator: SMSANGES

Spiller:  
 Notifier Name: PHIL SAGLINBENE  
 Caller Agency: NYC DEP  
 Contact for more spill info: RICHARD DESFOSSE

Spiller Phone:  
 Notifier Phone: (212) 860-7818  
 Caller Phone: (718) 372-7193  
 Contact Person Phone: (718) 372-7193

---

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

---

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/01/2004 |                     | OTHER          | NO                      | NO                  |

---

| Material Spilled | Material Class | Quantity Spilled | Units  | Quantity Recovered | Units  | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| RAW SEWAGE       | OTHER          | 0                | POUNDS | 0                  | POUNDS | SEWER                |



---

**Caller Remarks:**

Unknown blockage causing regulator to bypass into East River. DEP attempting to clear blockage.

---

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"

**Map Identification Number 346****225 EAST 70TH ST**

225 EAST 70TH ST

MANHATTAN, NY

**Spill Number: 9609782****Close Date: 02/11/2004**

TT-Id: 520A-0092-366

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 1814 feet to the NW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: LYNN DIAMOND  
 DEC Investigator: MCTIBBE

Spiller: UNKNOWN  
 Notifier Name: JULIO MERCADRAL  
 Caller Agency: CITIZEN  
 Contact for more spill info: LYNN DIAMOND

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 751-0984  
 Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),  
 contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

---

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/22/1996 |                     | UNKNOWN        | NO                      | NO                  |

---

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

---

**Caller Remarks:**

oil bubbling up into basement – pits are dug in the basement to attempt to control the spill

---

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"

REFER TO 9612755, SP00047.

**Map Identification Number 347** **MULTI-DWELLING**  
 225 EAST 70TH ST

MANHATTAN, NY

**Spill Number: 9514939**

**Close Date: 02/22/1996**  
 TT-Id: 520A-0092-295

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)  
 Approximate distance from property: 1814 feet to the NW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
 Notifier Type: Other  
 Caller Name: BOB DECK  
 DEC Investigator: ADZHITOM

Spiller: UNKNOWN AT THIS TIME  
 Notifier Name: PAT  
 Caller Agency: PETROLEUM TANK CLEANERS  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone: (718) 855-7272  
 Caller Phone: (718) 624-4842  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/21/1996 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 30.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

INVESTIGATING THE CAUSE OF THE SPILL. OIL CONTAINED WITH A SOCK AT THIS TIME.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ZHITOMIRSKY"

**Map Identification Number 348****BOHEMIAN NAT'L HALL**

321 E.73RD ST

NEW YORK, NY

**Spill Number: 0304913****Close Date: 10/20/2003**

TT-Id: 520A-0097-211

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1833 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: BILL JOHNSON  
 DEC Investigator: MXTIPPLE

Spiller: UNKNOWN  
 Notifier Name: JAMES LUMPE  
 Caller Agency: ENVIRONMENTAL CLOSURES  
 Contact for more spill info: NOTIFIERS CELL J. LUMPE

Spiller Phone:  
 Notifier Phone: (212) 570-0299  
 Caller Phone: (516) 326-2600  
 Contact Person Phone: (917) 836-9511

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/08/2003 |                     | UNKNOWN        | YES                     | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #4 FUEL OIL      | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

**Caller Remarks:**

CALLER DOING SITE WORK FOUND CONTAMINATED SOIL. POSS FROM PROPERTY LEAKING OIL NEXT DOOR.TANK LEAKING.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"

Mr Johnson says his construction folks cut through the basement floor of 321 East 73rd to install a new elevator pit. Oil came into the pit from the adjacent property. He believes the adjacent property is 345 East 73rd St.

8/12/03Tipple updating// The mgmt. of 345 E 73rd.- Goldstein Management Steven Seplow 212-486-4488 ex. 348

The Engineering firm Accardo 718-605-0425.

There has been a tank failure at 345 and an active recovery system in place. The oil seeping into 321 is coming directly from below the 345 building. Steven Sipow has agreed to take samples and if the oil from the two locations match, will take responsibility and clean the oil from 321. DEC will be kept updated.

CM firm representing owner called Milan is the rep for the CM PSJ Holdings 516-581-0977

fax-212-452-0728

8/25/03 BILL JOHNSON FROM ENVIRONMENTAL CLOSURES CALLED TO INFORM DEC THAT THE PRODUCT ID FROM THE EXCAVATION IS #6 FO. AS PER THE RESULTS FROM SOUTH MALL ANALYTICAL LABS. PAPERWORK TO FOLLOW. THE TANK RUPTURE NEXT DOOR AT 345 E 73 IS ALSO # 6 FO

8/26/03 SITE VISIT BY TIPPLE OBSERVED KEN WATSON FROM MILLER ENV VACUMING THE FUEL OIL FROM ATOP THE WATER IN THE ELEVATOR PIT EXCAVATION AND PLACING SOFT BOOM TO CONTAIN ANY ADDITIONAL OIL THAT MAY INFILTRATE FROM BELOW THE 345 BUILDING.

KEN WALKED ME THROUGH BELT SKIMMER THE SYSTEM CURRENTLY RUNNING.

MILLER ENV. WRITING PROPOSAL TO ADDRESS THE( POTENTIAL OFFSITE CONTAMINATION ONTO 321-325 PROPERTY)

10/20/03 Tipple updating///nfa issued to consulate site////Miller Env. has removed the contamination from this site, the data is to be included in the report for source of the contamination, spill #02-12023 at 345 East 73RD Street. The petroleum is currently contained off of the 321-325 property.

FOR FILE SEE SPILL #02-12023

**Map Identification Number 349**

440 EAST 75TH ST

NEW YORK, NY

**Spill Number: 0013671****Close Date: 04/10/2001**

TT-Id: 520A-0097-626

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1848 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Affected Persons

Caller Name: REFUSED

DEC Investigator: SIGONA

Spiller:

Notifier Name: REFUSED

Caller Agency:

Contact for more spill info:

Spiller Phone:

Notifier Phone: (000) 000-0000

Caller Phone: (000) 000-0000 ext. 0

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Unknown RP - DEC Field Response - DEC Corrective Action Required

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/01/2000 |                     | OTHER          | YES                     | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

---

**Caller Remarks:**

ABANDONDED BOILER IS IN REAR OF ADDRESS SINCE DECEMBER AND IS CAUSING THE APT TO SMELL BAD COMPLAINTANT REFUSED TO GIVE HIS NAME AND ANY OTHER INFO

---

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

**The following DEC Investigator Remarks were available prior to 1/1/2002:**

DEC Sigona and DEC Rossan performed a PBS inspection on 4/10/2001, inresponse to a complaint over abandoned boiler. Found that boiler was abandoned causing minor petroleum odors. Requested that facility manager remove abandoned boiler. Inspection of the petroleum storage facility revealed that facility filed improperly registered 2,500 gallon tank as 1,500 gallon tank to avoid higher fees. Also, building owner encased aboveground tank inside sheetrock wall preventing required monthly inspections. Reported violations to NYC Buildings Department and Fire Department. Noticed fumes from boiler, which appeared to be emanating from backflow into boiler exhaust stack. DEC Sigona suspected that chiminey may not have bbeen cleaned during boiler replacement. Reported findings to DEP, who would send inspector to investigate. A follow-up letter was sent by DEC Rossan, and referral will be sent to DEC Legal Affairs.

**Map Identification Number 350**

**MANHOLE 40**

EAST 72ND ST/2ND AVE

MANHATTAN, NY

**Spill Number: 9904575**

**Close Date: 03/31/2005**

TT-Id: 520A-0091-045

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1866 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: STEVE ROMERO  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: MR RUSSO  
 Caller Agency: CON EDISON  
 Contact for more spill info: STEVE ROMERO

Spiller Phone:  
 Notifier Phone: (212) 338-3352  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/17/1999 |                     | UNKNOWN        | NO                      | NO                  |

---

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

---

**Caller Remarks:**

1 qt of material found at bottom of manhole. clean up pending test results.

---

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

e2mis no. 126614:

1 QT OF UNKNOWN OIL ON THE FLOOR IN MANHOLE # 40. THIS IS POSSIBLE DIELECTRIC CABLE OIL FROM LEAKING FEEDER CABLE. NO SAMPLE WAS TAKEN DUE TO LEAKING LIVE FEEDER. THERE IS P.I.L.C. CABLES IN THE MANHOLE.

Cleanup completed on 7-19-99 at 0200 hours. Supervised by J.McCabe 00305. 1-pint oil removed with absorbent. Stain double washed.

UPDATE: 4/8/2004 Underground planner S. Cioffi reported that the manhole was inspected and found to be oil free.

**Map Identification Number 351**

228 EAST 68TH ST

MANHATTAN, NY

**Spill Number: 0004840****Close Date: 02/13/2003**

TT-Id: 520A-0095-847

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1904 feet to the NW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Federal Government

Caller Name: MIKE SOLECKI

DEC Investigator: MXTIPPLE

Spiller: FOX CHANNEL 5

Notifier Name: NRC

Caller Agency: US EPA REGION 2

Contact for more spill info: DR. SOL FOX

Spiller Phone:

Notifier Phone: (800) 424-8802

Caller Phone: (732) 906-6862

Contact Person Phone: (212) 570-0206

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/23/2000 |                     | OTHER          | NO                      | NO                  |

---

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 0                | GALLONS | 0                  | GALLONS | AIR                  |

---

**Caller Remarks:**

dr. fox notified nrc that approx every other week there is an air release of an unk material from a smoke stack at channel 5...leaves a black soot all over neighborhood. dr. fox has notified the city w/ no answer.

---

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"  
07/24/2000 REFERRED TO AIR UNIT

**Map Identification Number 352**      **MANHOLE #58511**  
 E 63RD ST / 2ND AVE

MANHATTAN, NY

**Spill Number: 9712420****Close Date: 02/26/1998**  
TT-Id: 520A-0090-153**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 1911 feet to the W

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEVE ROMERO

DEC Investigator: CAENGELH

Spiller: TIM SOILCH - CON EDISON

Notifier Name: MR ROMANO

Caller Agency: CON ED

Contact for more spill info: MR ROMANO

Spiller Phone: (212) 580-6764

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 338-3352

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

---

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/06/1998 |                     | OTHER          | NO                      | NO                  |

---

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 5.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

---

**Caller Remarks:**

5 gal unk oil with 200 gals water was pumped out of manhole to street - unknown source of oil - 5 gal unknown oil and 100 gals water still in manhole - cleanup in progress now - will take samples and will check river from boat

---

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

2/26/98 e-mail from con Ed ERT Lukshides: Lab results show 3 PPM PCB. Oil from unknown source. Clean up complete 7 February 1997.000

**Map Identification Number 353**      **217495; E 75 ST AND YORK AVE**  
 E 75 ST AND YORK AVE

NEW YORK, NY

**Spill Number: 0914308**

**Close Date: 07/16/2009**  
 TT-Id: 520A-0249-473

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1912 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: E 75TH ST / YORK AVE

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: DMPOKRZY

Spiller: ERT DESK – CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/10/2009 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | UTILITY              |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 354**      **216923; E 75 ST AND YORK AVE**  
 E 75 ST AND YORK AVE

NEW YORK, NY

**Spill Number: 0914231**

**Close Date: 07/08/2010**  
 TT-Id: 520A-0249-472

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1912 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: E 75TH ST / YORK AVE

Revised zip code: 10021



|                   |                       |                              |                       |                       |                |
|-------------------|-----------------------|------------------------------|-----------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | ERT DESK – CON EDISON | Spiller Phone:        |                |
| Notifier Type:    | Responsible Party     | Notifier Name:               |                       | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |                       | Caller Phone:         |                |
| DEC Investigator: | dmpokrzy              | Contact for more spill info: | ERT DESK              | Contact Person Phone: | (212) 580-8383 |

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 05/21/2009 |                     | UNKNOWN        | NO                      | NO                  |

|                   |                |                  |         |                    |         |                      |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | UTILITY              |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

07/08/2010

See eDocs for Con Ed report detailing cleanup and closure DMP

**Map Identification Number 355**      **214146; E 75 ST AND YORK AVE**  
 E 75 ST AND YORK AVE

NEW YORK, NY

**Spill Number: 0814539**

**Close Date: 10/20/2008**  
 TT-Id: 520A-0249-471

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1912 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: E 75TH ST / YORK AVE

Revised zip code: 10021

|                   |                       |                              |                       |                       |                |
|-------------------|-----------------------|------------------------------|-----------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | ERT DESK – CON EDISON | Spiller Phone:        |                |
| Notifier Type:    | Responsible Party     | Notifier Name:               |                       | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |                       | Caller Phone:         |                |
| DEC Investigator: | DMPOKRZY              | Contact for more spill info: | ERT DESK              | Contact Person Phone: | (212) 580-8383 |

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|                           |                                                   |                |                         |         |                     |         |                      |
|---------------------------|---------------------------------------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| Spill Date                | Date Cleanup Ceased                               | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
| 10/16/2008                |                                                   | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled          |                                                   | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| DIELECTRIC FLUID          |                                                   | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | UTILITY              |
| Caller Remarks:           | NO REMARKS GIVEN FOR THIS SPILL                   |                |                         |         |                     |         |                      |
| DEC Investigator Remarks: | NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL. |                |                         |         |                     |         |                      |

**Map Identification Number 356** **MANHOLE #60161**  
 **E 75TH ST & YORK AVE**

NEW YORK, NY

**Spill Number: 0804828**

**Close Date: 09/16/2008**  
TT-Id: 520A-0222-441

### MAP LOCATION INFORMATION

Site location mapped by: **MANUAL MAPPING (3)**  
Approximate distance from property: **1912 feet to the NNE**

### ADDRESS CHANGE INFORMATION

Revised street: E 75TH ST / YORK AVE  
Revised zip code: UNKNOWN

Source of Spill: UNKNOWN  
Notifier Type: Affected Persons  
Caller Name:  
DEC Investigator: RWAUSTIN

Spiller: CON EDISON  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: ERT DESK' MIKE DAUGHTERY

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date                                                                     | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|--------------------------------------------------------------------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 07/28/2008                                                                     |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled                                                               |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM                                                              |                     | PETROLEUM      | 6.00                    | GALLONS | 0.00                | GALLONS | SOIL                 |
| Caller Remarks:                                                                |                     |                |                         |         |                     |         |                      |
| UNKN AMOUNT OF UNKN PETROLEUM IN MANHOLE.    CLEAN UP PENDING SAMPLE ANALYSIS. |                     |                |                         |         |                     |         |                      |

## DEC Investigator Remarks:

09/19/08 – See eDocs for Con Ed report detailing cleanup and closure.

9/16/08 – Austin – cleaned up leaking cable found– closed

## Map Identification Number 357



## OIL ENTERING EAST WALL OF MH 61165

EAST 75 STREET &amp; YORK AVENUE

MANHATTAN, NY

Spill Number: 0713806

Close Date: 05/12/2008

TT-Id: 520A-0218-299

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1912 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: E 75TH ST / YORK AVE

Revised zip code: 10021

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name:

DEC Investigator: gdbreen

Spiller: CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/30/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 3.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

3 gallons seeping though the wall of a manhole – Cleanup is pending resources. 210615

## DEC Investigator Remarks:

05/12/08 – See eDocs for Con Ed report detailing cleanup and closure.

210615. see eDocs

**Map Identification Number 358****BLACK CLAY SUBSTANCE IN EXCAVATION**

75TH STREET EAST OF YORK

NEW YORK, NY

**Spill Number: 0610430****Close Date: 01/17/2007**

TT-Id: 520A-0102-231

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1912 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: E 75TH ST / YORK AVE

Revised zip code: 10021

Source of Spill: UNKNOWN

Notifier Type: Local Agency

Caller Name:

DEC Investigator: GDBREEN

Spiller: ERTS - CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERTS

Spiller Phone: (212) 580-8383

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/14/2006 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

NO TO 5 QUESTIONS: CONED # 203706, POSSIBLY A 3RD PARTY SPILL: CLEANUP PENDING

## DEC Investigator Remarks:

01/17/07 - See e-docs for Con Ed report detailing cleanup and closure.

203706. see eDocs

**Map Identification Number 359****VAULT 4011**

58 STREET AND 1 AVENUE

MANHATTAN, NY

**Spill Number: 0603614****Close Date: 08/15/2006**

TT-Id: 520A-0097-417

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1930 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: E 58TH ST / 1ST AVE

Revised zip code: 10022

|                   |                                 |                              |                                                |                       |                |
|-------------------|---------------------------------|------------------------------|------------------------------------------------|-----------------------|----------------|
| Source of Spill:  | INSTITUTIONAL, EDUC, GOV, OTHER | Spiller:                     | ERT DESK' MIKE DAUGHTERY – CON EDISON VAULT 40 | Spiller Phone:        | (212) 580-8383 |
| Notifier Type:    | Responsible Party               | Notifier Name:               |                                                | Notifier Phone:       |                |
| Caller Name:      |                                 | Caller Agency:               |                                                | Caller Phone:         |                |
| DEC Investigator: | GDBREEN                         | Contact for more spill info: | ERT DESK' MIKE DAUGHTERY                       | Contact Person Phone: | (212) 580-8383 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/01/2006 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 20.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

20 gals unk oil poss ccoking oil into a vault-contained therein and no exterior expousre. 200924

DEC Investigator Remarks:

08/15/06 – See e-docs for Con Ed report detailing cleanup and closure.

200924. see eDocs.

Map Identification Number 360



MANHOLE 59481

1ST AV/EAST 58TH ST

MANHATTAN, NY

Spill Number: 0006225

Close Date: 06/03/2004

TT-Id: 520A-0090-674

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1930 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: STEVE ROMERO  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: MR MCQUEEN  
 Caller Agency: CON EDISON  
 Contact for more spill info: STEVE ROMERO

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/25/2000 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 2.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

2 GALS UNK OIL ON 1300 GALS WATER – SAMPLE TAKEN CLEAN UP PENDING RESULTS – NO SEWERS OR WATERWAYS – CON ED 133043

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
e2mis no. 133043:

2 gallons of unknown oil and approx. 1300 gallons of water. Cleanup pending sample results.

Chem lab reported 00–08207 PCB <1 ppm.

CLEANUP CHECKLIST

Source/cause of spill NO LEAK FOUND

X Removed/recovered liquid/solids.

X Removed visible traces of oil.

X Washed stained areas.

X Other DOUBLED WASHED MANHOLE

X Name of contractor S & D ENVIRONMENTAL

Cleanup completed on Date 09–13–00 Time 0:100

**Map Identification Number 361****COMMERCIAL**

11 – 66 2ND AVE

NEW YORK CITY, NY

**Spill Number: 0311055****Close Date: 02/02/2004**

TT-Id: 520A-0098-391

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1938 feet to the W

## ADDRESS CHANGE INFORMATION

Revised street: 1166 2ND AVE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: CARMELLA DATURRIS

DEC Investigator: SMSANGES

Spiller: UNKNOWN

Notifier Name: CARMELLA DATURRIS

Caller Agency: PETRO OIL CO,

Contact for more spill info: MR. DAY

Spiller Phone:

Notifier Phone: (718) 628-3351

Caller Phone: (718) 628-3351

Contact Person Phone: (212) 838-5151

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/29/2003 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 20.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

UNSURE WHAT HAPPENED FURTHER INVESTIGATING. CLEAN UP PENDING.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"

**Map Identification Number 362****214286; E 62 ST AND 2ND AVE**

E 62 ST AND 2ND AVE

NEW YORK, NY

**Spill Number: 0814556****Close Date: 10/28/2008**

TT-Id: 520A-0248-656

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1974 feet to the W

## ADDRESS CHANGE INFORMATION

Revised street: E 62ND ST / 2ND AVE

Revised zip code: NO CHANGE

|                   |                       |                              |                       |                       |                |
|-------------------|-----------------------|------------------------------|-----------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | ERT DESK – CON EDISON | Spiller Phone:        |                |
| Notifier Type:    | Responsible Party     | Notifier Name:               |                       | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |                       | Caller Phone:         |                |
| DEC Investigator: | DMPOKRZY              | Contact for more spill info: | ERT DESK              | Contact Person Phone: | (212) 580-8383 |

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 10/22/2008 |                     | UNKNOWN        | NO                      | NO                  |

|                   |                |                  |         |                    |         |                      |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | UTILITY              |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 363** **MANHOLE 59311**  
 E 62ND ST /2ND AVE

MANHATTAN, NY

**Spill Number: 0000053**

**Close Date: 03/15/2004**  
 TT-Id: 520A-0098-397

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1974 feet to the W

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

|                   |             |                              |                   |                       |                |
|-------------------|-------------|------------------------------|-------------------|-----------------------|----------------|
| Source of Spill:  | UNKNOWN     | Spiller:                     | UNKNOWN – UNKNOWN | Spiller Phone:        |                |
| Notifier Type:    | Other       | Notifier Name:               | MR BOSZE          | Notifier Phone:       | (212) 338-3352 |
| Caller Name:      | BILL MURPHY | Caller Agency:               | CON EDISON        | Caller Phone:         | (212) 580-6763 |
| DEC Investigator: | JHOCORNE    | Contact for more spill info: | CALLER            | Contact Person Phone: |                |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 04/03/2000 |                     | UNKNOWN        | NO                      | NO                  |



| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 20.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

-----  
Caller Remarks:

caller reporting a spill of material onto 100 gal of water clean up pending lab results w/samples taken no callback necessary  
coned#130701 strong odor of gas in the manhole

-----  
DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
CON ED

## E2 MIS REPORT

4/03/00

Approximately 20 gallons unknown oil mixed with approx. 100-gallons water...very strong odor of gasoline. Unable to verify sump.  
No sewer connection as per conduit plate 32-K-2. Spill was found while working on FDR layout for future cable installation. PCB &  
ID sample taken...also ert states amount of spill is 56 gallons.

PCB 80 PPM LAB-RESULTS 00-03144 AROCLOR 1248

DATE AND TIME THE CLEANUP WAS COMPLETED : 04/05/00 , 05:30 AM.

CLEANUP PROCEDURE : OIL AND WATER REMOVED VIA TANKER, SHOVEL LEAD CONTAMINATED OILY MUD AND SOLID HAZARDOUS WASTE IN DRUMS. FLUSH  
OPERATION USED A HIGH PRESSURE HOSE TO DOUBLE WASHED THE WALL'S AND FLOOR WITH BIO-GENESIS SOLUTION (SLIX), MANHOLE WAS THEN  
RINSED BY FLUSH TRUCK.

SOURCE OF SPILL : OPEN PRIMARY CABLE END'S (DIELECTRIC FLUID)

REPAIRED : YES - BY PLACING THREE CONDUCTOR SHRINK CAPS AT THE OPEN ENDS.

**Map Identification Number 364****502-512 E 76TH ST**

503-509 E 75TH ST

NEW YORK, NY

**Spill Number: 0130054****Close Date: 05/11/2004**

TT-Id: 520A-0094-934

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1989 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: DEC  
 Caller Name: SONDR A MARTINKAT  
 DEC Investigator: SMMARTIN

Spiller: DENIHAN LLC  
 Notifier Name: MIMI SORTIRIO  
 Caller Agency: REG 2  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (718) 482-4096  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/30/2002 |                     | OTHER          | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

#### Caller Remarks:

"BAND" OF CONTAMINATION ON FRACTURED BEDROCK ON E 76 ST SIDE OF PROPERTY

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MARTINKAT"  
 4/23/02 CLEANUP UNDER THE VOLUNTARY CLEANUP PROGRAM. SMM.

**Map Identification Number 365**  
 **506 EAST 76TH STREET**  
 503-509 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 0130013**

**Close Date: 03/23/2004**  
 TT-Id: 520A-0094-935

#### MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 1989 feet to the NNE

#### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: DEC  
 Caller Name: ROMMEL  
 DEC Investigator: SMMARTIN

Spiller: LYCEE FRANCAISE DE NY  
 Notifier Name:  
 Caller Agency: DEC REG2  
 Contact for more spill info:

Spiller Phone: (212) 369-1400  
 Notifier Phone:  
 Caller Phone: (718) 482-4934  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 08/23/2001       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| HYDRAULIC OIL    |                     | PETROLEUM      | -1.00                   | GALLONS | -1.00               | GALLONS | SOIL                 |

## Caller Remarks:

DEC inspection revealed what appears to be four old lifts and hydraulic oil pooled on the soil.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MARTINKAT"  
4/23/02 CLEANUP UNDER VOLUNTARY CLEANUP PROGRAM. SMM

## Map Identification Number 366

**E. RIVER 75 & 76TH STS**  
E. RIVER / 76TH ST



MANHATTAN, NY

Spill Number: 9405816

Close Date: 03/18/2003  
TT-Id: 520A-0101-788

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (5)  
Approximate distance from property: 2010 feet to the NE

## ADDRESS CHANGE INFORMATION

Revised street: BET. 75TH ST / 76TH ST.  
Revised zip code: 10021

Source of Spill: VESSEL  
Notifier Type: Federal Government  
Caller Name: PHIL GAMACHE  
DEC Investigator: CAENGELH

Spiller: CON EDISON BARGE  
Notifier Name:  
Caller Agency: U.S.C.G.  
Contact for more spill info:

Spiller Phone:  
Notifier Phone:  
Caller Phone: (212) 668-7920  
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |        | Penalty Recommended |        |                      |
|-------------------|---------------------|----------------|-------------------------|--------|---------------------|--------|----------------------|
| 07/29/1994        |                     | UNKNOWN        | NO                      |        | NO                  |        |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units  | Quantity Recovered  | Units  | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | -1.00                   | POUNDS | 0.00                | POUNDS | SURFACE WATER        |

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 Caller Remarks:

NOTIFIER SAW BARGE SPILL INTO EAST RIVER YESTERDAY-CAUSED BROWN STREAK IN RIVER. U.S.C.G. WILL CHECK THIS OUT.

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## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGLEHART"  
 3-18-03: Austin (Ad) - Closed Due To The Nature / Extent Of The Spill Report.

**Map Identification Number 367** **COMMERCIA PROPERTY**  
 429 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 0604133**
**Close Date: 09/01/2006**  
 TT-Id: 520A-0099-230

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 2023 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: VSZHUNE

Spiller: CHRISTOPHER DECARLO - COMMERCIA PROPERTY  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: CHRISTOPHER DECARLO

Spiller Phone: (212) 675-3225  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (212) 675-3225

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/14/2006 |                     | OTHER          | NO                      | NO                  |

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| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

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## Caller Remarks:

DOING SOIL TESTING FOUND CONTAMINATION

---

## DEC Investigator Remarks:

Need to send a CSL - None sent yet. Spill transfer from K. Patel to V. Zhune. 7/21/06 V. Zhune spoke to Christ Decarlo from

Fleming Lee Shue. 4 soil boring test were performed. Analytical results will be sent in 2 to 3 weeks. Results are below recommended soil cleanup objectives. No evidence of spill on floor. GPR were not able to see. Can not get ground water. 07/21/06 sent CSL to:  
 Keefe & Keefe HLD LTD  
 1131 Singer Dr  
 Singer Island, FL 33404-2759  
 09/1/06 Report was received. This case was closed for V.Zhune in accordance with J.Vought

**Map Identification Number 368****EAST 75TH ST SUBSTATION**

525 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 9909554****Close Date: 08/01/2003**

TT-Id: 520A-0099-288

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: MARK SCHLAGEL

DEC Investigator: CAENGELH

Spiller: CON EDISON

Notifier Name: COOK

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 11/05/1999        |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled  | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM           | 10.00            | GALLONS                 | 0.00               | GALLONS             | SOIL                 |

**Caller Remarks:**

ON 1000GAL OF WATER - CASE #128877

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
 Con Ed e2mis #128877:

11/5/99 10gal unknown oil on top of 1000gal water in MH426. No sample taken.

No leak found. Pumped out manhole with Con Ed tanker. J. Trachina directed cleanup. Completed on 11-5-99 1815hrs. Removed liquids/solids. Removed visible traces of oil.

### Map Identification Number 369



E 75TH STREET SUBSTATION

NEW YORK, NY

Spill Number: 9902659

Close Date: 05/17/2001

TT-Id: 520A-0099-299

### MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEVEN CRIBEN

DEC Investigator: JHOCONNE

Spiller: STEVEN CRIBEN

Notifier Name: BYLICK

Caller Agency: CON ED

Contact for more spill info: STEVEN CRIBEN

Spiller Phone: (212) 580-8576

Notifier Phone: (212) 338-4653

Caller Phone: (212) 580-8576

Contact Person Phone: (212) 580-8576

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/08/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| TRANSFORMER OIL  | PETROLEUM      | 30.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

### Caller Remarks:

10 gal leaked on blue stone contained with pads and pigs oil samples will be taken not leaking now

### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

Con Ed e2mis #125412:

6/8/99 Transformer #4 on fdr 38M31 leaking dielectric fluid. Approx 30gal spilled. 20gal on top of transformer, 10gal on bluestone. Gasket failure in A phase primary bushing. Probably due to increased nitrogen pressure in the transformer. High temp and heavy system load were probably a factor in increased pressure.

Maximo work order 22648 put in for repairs. Cleanup to continue tomorrow. Affected bluestone will be removed. Assuming 50-499ppm PCB.

LSN 99-05888, <1ppm PCB.

LSN 99-05957, <1ppm PCB.

Cleanup of oily bluestone completed on 6/9/99. An outage has been scheduled for 6/15/99 to perform repairs and cleanup. Absorbant booms and pads were placed to prevent oil accumulation from the top of the bank.

Repairs completed 5/9/00.

**Map Identification Number 370****SUBSTATION IN MANHATTAN**

525 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 9809803****Close Date: 08/04/2003**

TT-Id: 520A-0099-284

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEPHEN CRIBBONS

DEC Investigator: CAENGELH

Spiller: SUBSTATION IN MANHATTAN

Notifier Name: MR CARROL

Caller Agency: CON ED

Contact for more spill info:

Spiller Phone:

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 11/04/1998       |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| DIELECTRIC FLUID | PETROLEUM           | 1.00             | GALLONS                 | 0.00               | GALLONS             | SOIL                 |

Caller Remarks:

CLEANUP WILL BE DONE BY CONED CONED #121032 SAMPLE WILL BE TAKEN AFTER EQUIPMENT WAS REMOVED FROM SERVICE.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

## DEC Notes:

6/3/03 During inspection, found repairs and cleanup had been completed. (KMF)

Con Ed e2mis #121032:

11/4/98 1030hrs

Station Operator found 3drops of pothead fill leaking from cap bank #2 onto steel plate. Pending outage.

11/9/98 Operator reports cleanup completed on 11/5/98 1330hrs. Samples were taken for PCBs.

Repaired by Maintenance Grp. Seal in the leaky pothead was tightened. Traces of material wiped clean using absorbant pads. Assumed 50–499ppm PCB. Cause was a defective seal on terminator. Found during routine inspection. Product is insulating fluid from the terminator.

LSN 98–12171, <1ppm PCB.

## Map Identification Number 371



## EAST 75TH STREET SUB-STAT

525 EAST 75TH STREET

MANHATTAN, NY

Spill Number: 9808664

Close Date: 11/04/2003

TT-Id: 520A–0099–282

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: CAENGELH

Spiller: CON EDISON

Notifier Name: MR. COOK

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone: (212) 580–6763

Notifier Phone:

Caller Phone: (212) 580–6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/13/1998 |                     | UNKNOWN        | NO                      | NO                  |



| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 25.00            | GALLONS | 25.00              | GALLONS | SOIL                 |

-----  
Caller Remarks:

MANHOLE 426. OIL FOUND IN MANHOLE. NO DRAINS. SAMPLES TO BE TAKEN. UNKNOWN ON PCB'S. WILL BE CLEANED UP. CON EDISON REFERENCE 120481.

-----  
DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT" same as #9909554

Con Ed e2mis #120481:

10/13/98

Sr. Electric Tech. and Sr. Drafter found 25gal oil on top of 1700gal water in MH426 for feeder D38M35. Previously tagged with a date of 9/5/97. Cathodic protection testing was performed. No oil entered the sewers or waterways. Referred to S&TO.

Removed/recovered liquids/solids. Removed visible traces of oil. Washed stained areas. Clean Harbors completed cleanup 10/14/98.

LSN 98-11473, Benzene <1ug/L

LSN 98-11472, PCBs <1ppm

**Map Identification Number 372**    **525 75TH STREET**  
 525 75TH ST

MANHATTAN, NY

**Spill Number: 9500030**

**Close Date: 04/03/1995**  
TT-Id: 520A-0099-296

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 2033 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: Federal Government  
Caller Name: CURRIE  
DEC Investigator: CAENGELH

Spiller: CON EDISON  
Notifier Name:  
Caller Agency: USCG  
Contact for more spill info:

Spiller Phone: (212) 580-6764  
Notifier Phone:  
Caller Phone: (212) 668-7920  
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 04/03/1995 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 20.00            | GALLONS | 20.00              | GALLONS | SOIL                 |

Caller Remarks:

CONTAINED IN PLANT – DEL NOTIFIED BY COAST GUARD.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

**Map Identification Number 373** **74TH ST GENERATING STATION**  
 525 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 9500028**

**Close Date: 12/20/2004**  
 TT-Id: 520A-0099-265

#### MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

#### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: MR ROACH

DEC Investigator: JHOCONE

Spiller: CON EDISON

Notifier Name:

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone: (212) 656-2743

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 04/03/1995 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 20.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

---

**Caller Remarks:**

FOUND OIL IN WATER TRENCH – NO VISIBLE SOURCE OF SPILL – IN PROCESS OF CLEANING IT UP.

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**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

12/20/04: Con Ed submitted copy of OIL, TOXIC OR HAZARDOUS SUBSTANCE (INCLUDING PCB'S AND ASBESTOS) SPILL OR FIRE NOTIFICATION FORM dated 4/3/95 which states: "TYPE OF SPILL/FIRE AND CAUSE: unknown / 20 gallons of #6 fuel oil was found in a basement trench. Station personnel secured trench water supply and placed oil pigs and pads in the trench. The station oil water separator is in service and a vendor was called @0745 4/3/95 to recover and clean trench." Close out. (JHO)

**Map Identification Number 374** **CON ED GENERATING STATION**  
 525 EAST 75TH ST

MANHATTAN, NY

**Spill Number: 0811927**

**Close Date: 02/27/2009**  
 TT-Id: 520A-0226-361

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 2033 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: RWAUSTIN

Spiller: ERT – CON ED  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: ERT

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (212) 580-8383

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Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/02/2009 |                     | UNKNOWN        | NO                      | NO                  |

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| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

---

**Caller Remarks:**

CALLER STATES THAT THERE IS 2 GALLON OF PETROLEUM PRODUCT IN THE SOIL. CLEAN UP PENDING.

UPDATE – cross ref. spill #0810162.

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**DEC Investigator Remarks:**

2/27/09 – Austin – This spill report was called in when Con Ed got the lab results for # 0810162. That spill report was closed on 2/12/09, and this report, associated with that, is being closed, as well see EMIS # 214866, under # 0810162. – end

**Map Identification Number 375 EAST 75TH ST SUBSTATION**

525 EAST 75TH ST

MANHATTAN, NY

**Spill Number: 0809153****Close Date: 02/12/2009**

TT-Id: 520A-0223-967

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Local Agency

Caller Name:

DEC Investigator: asnagi

Spiller: ERT – CON ED

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

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**Category:** Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

**Class:** Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

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| Spill Date        | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 11/13/2008        |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled  | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM           | 0                | UNKNOWN                 | 0                  | UNKNOWN             | SOIL                 |

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**Caller Remarks:**

Contaminated soils were discovered with approx 6 ounces of an unknown oil. Clean up is pending sample results.

---

**DEC Investigator Remarks:**

02/12/09 – See eDocs for Con Ed report detailing cleanup and closure.

**Map Identification Number 376**

**EAST 75 ST S/S. XFMR # 1, 16 OZ**  
525 EAST 75 STREET. SUBSTATION

MANHATTAN, NY

**Spill Number: 0711376**

**Close Date: 05/12/2008**

TT-Id: 520A-0211-268

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: gdbreen

Spiller: ERTSDESK – CON EDISON S/S

Notifier Name:

Caller Agency:

Contact for more spill info: ERTSDESK

Spiller Phone: (212) 580-8383

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/29/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

Caller Remarks:

16 OUNCES: NO TO 5 QUESTIONS: CONED # 209703

DEC Investigator Remarks:

05/12/08 – See eDocs for Con Ed report detailing cleanup and closure.

209703. see eDocs

**Map Identification Number 377** **EAST 75 ST S/S – XFMR # 5, SIX GALLONS**  
 525 EAST 75 STREET – SUBSTATION

MANHATTAN, NY

**Spill Number: 0705939****Close Date: 12/28/2007**  
TT-Id: 520A-0090-046

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Local Agency

Caller Name:

DEC Investigator: gdbreen

Spiller: ERTSDESK – CON EDISON SUBSTATION

Notifier Name:

Caller Agency:

Contact for more spill info: ERTSDESK

Spiller Phone: (212) 580-8383

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/24/2007 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 6.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

MATERIAL SPILLED TO BLUE STONE, CLEANUP PENDING AVAILABILITY, CONED # 207720

## DEC Investigator Remarks:

12/28/07 – See eDocs for Con Ed report detailing cleanup and closure.

207720. see eDocs

**Map Identification Number 378** **EAST 75TH SUBSTATION**  
 525 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 0400196****Close Date: 01/03/2005**  
TT-Id: 520A-0099-260

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
 Notifier Type: Responsible Party  
 Caller Name: KEVIN MCRADLE  
 DEC Investigator: JHOCONNE

Spiller: ERT DESK – CON ED  
 Notifier Name: KEVIN MCRADLE  
 Caller Agency: CON ED  
 Contact for more spill info: ERT DESK

Spiller Phone: (212) 580-8383  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 04/07/2004 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units  | Quantity Recovered | Units  | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 0                | POUNDS | 0                  | POUNDS | SOIL                 |

Caller Remarks:

UNKNOWN BY POTHEADS, ON BLUESTONE: NO TO 5 QUESTIONS CLEANING UP NOW:

DEC Investigator Remarks:

e2mis no. 152804:

4 oz. of dielectric fluid on the bluestone. He says it is leaking from a pothead associated with feeder 38M32. He waited there to see if more dripped down to determine a drip rate but no more dripped in that time, he thinks that the rain might have washed the fluid off the pothead & onto the ground. He will turn this in for repairs. He states that it is non-pcb. He will shovel up some of the bluestone & dirt around the effected area & put down pads.

At 10:00 Anderson shoveled up the oily bluestone & placed it into the drum for non-hazardous waste.

Update: 10/25/04, M. Pillig, 86856

Trans Ops employee Al Tallini, 34062 inspected FDR 38M32 on 10/02/04. No visible leak or sign of any oil. Pot head wiped down and was reinspected on 10/04/04. Again, no sign of any leak. Spill will be closed as of 15:00 HRS. on 10/04/04.

**Map Identification Number 379****CON ED**

575 EAST 75TH STREET

NEW YORK, NY

**Spill Number: 0208679****Close Date: 11/22/2002**

TT-Id: 520A-0099-305

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE

Notifier Type: Responsible Party

Caller Name: ANDREW MORRIS

DEC Investigator: KMFOLEY

Spiller: CALLER - CON ED

Notifier Name: MR PELLIGRINO

Caller Agency: CON EDISON

Contact for more spill info: ANDREW MORRIS

Spiller Phone:

Notifier Phone: (212) 580-6765

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/21/2002 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| MOTOR OIL        | PETROLEUM      | 1.00             | GALLONS | 1.00               | GALLONS | SOIL                 |

**Caller Remarks:**

1 PINT CON ED NUMBER 146175

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"

Con Ed e2mis #146105:

11/21/02

Brian Teehan #03177, Substation Operator, reported at 11:39 hrs. that he found at 11:00 hrs. approx. one pint of motor oil had spilled from a vehicle onto the bluestone in East 75th Street Substation, which is located at 525 East 75th Street. He was walking through the station yard when he discovered the spill. The motor oil leaked from an unknown vehicle that was parked. The vehicle is no longer in the station. The source of the spill is from an unknown vehicle and the cause is unknown. There was no fire or smoke involved and no sewer or waterway was affected. No injuries were related to the spill and no weather conditions contributed to the hazards of the spill. No private property affected. No samples taken since motor oil is a non-PCB substance. Cleanup of the spill was started at 11:10 hrs. by Brian Teehan #03177 and completed at 11:39 hrs. He used a shovel to pick up the oil stained bluestone.



**Map Identification Number 380****MANHOLE 426**

E75TH ST SUB-STATION

MANHATTAN, NY

**Spill Number: 0007270****Close Date: 10/26/2000**

TT-Id: 520A-0099-301

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Responsible Party

Caller Name: ANTHONY NATALE

DEC Investigator: KMFOLEY

Spiller: CALLER - CON ED

Notifier Name: EVA MCQUEEN

Caller Agency: CON ED

Contact for more spill info: ANTHONY NATALE

Spiller Phone: (212) 580-6763

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/21/2000 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 5.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

ON 3000 GALLONS OF WATER. CLEAN UP PENDING. CON ED#133505

NO SEWER/WATERWAY. FEEDER 36252

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"

e2mis notes:

5 gallons of dielectric fluid and approximately 3000 gallons of water in manhole 426, feeder 36252. Sample results show PCBs at 1ppm. Spill cause was a slight leak on a 1" valve. Con Ed tightened the valve. Absorbents were used to remove residual fluids. Liquids and solids were removed. Manhole was double washed by S&D Environmental. Cleanup was completed on September 22, 2000 at 12:20.

**Map Identification Number 381****MANHOLE #426/E 75TH ST**

525 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 0002648****Close Date: 08/01/2003**

TT-Id: 520A-0099-240

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: JIM FOX  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: MR MCQUEEN  
 Caller Agency: CON ED  
 Contact for more spill info: MIKE CESARE

Spiller Phone:  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/02/2000 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 3.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION. SAMPLE TAKEN AND  
 CLEAN UP PENDING RESULTS. MATERIAL ON TOP 5,000 GALLONS OF WATER.  
 CON ED # 131679. NO CALL BACK REQUESTED.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 Con Ed e2mis #131679:

6/2/00 Transmission Operations was checking feeder 36252, MH 426 for a change over when they discovered 3gal unknown oil and approx 5000gal water. MH was tagged no. 3458. Samples to be taken by Chem Lab.

No leak was found in manhole. Clean Harbors double washed manhole, removed liquids and solids, washed stained areas and removed all visible traces of oil. Completed cleanup at 1300hrs on 6/14/00.

## DEC Notes:

6/3/03 Inspected manhole. No oil found. (KMF)

**Map Identification Number 382** **75TH STREET SUBSTATION**  
 525 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 0002626****Close Date: 04/02/2004**  
TT-Id: 520A-0099-239

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: MR SCHLAGEL  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: SAME  
 Caller Agency: CON EDISON  
 Contact for more spill info: MR SCHLAGEL

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/01/2000 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled                                                                                         | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|----------------------------------------------------------------------------------------------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| OTHER                                                                                                    | OTHER          | 5.00             | GALLONS | 0.00               | GALLONS | SOIL                 |
| The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information |                |                  |         |                    |         |                      |
| OTHER PETROLEUM                                                                                          | UNKNOWN        | 5.00             | GALLONS | 0.00               | GALLONS |                      |

## Caller Remarks:

NO SEWERS NO WATER WAYS AFFECTED SPILL WILL BE CLEANED UP IN THE MORNING.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 6/1/00 No free product. Discolored soil and odor.(JHO)

5/16/01 Construction project. Will inspect trenches when open. (KMF)

6/3/03 During substation inspection, spoke to contractor working on site when odor was detected. He explained that area has been reexcavated and nothing has been detected since the first incident. Contaminated soil was removed during construction. (KMF)

~~~~~

Con Ed e2mis #131666:

6/1/00 Contractor working on station property near battery room. Excavated dirt and found soil mixed with unknown oil about 5gal and approx 500lbs soil. Barricaded area and will take sample. Finder, G. Lang, reported he smelled kerosene.

Excavated soil pile is estimated as 2-3yrs.

Construction Mgmt and engineering are going to evaluate the need to continue digging for the test pit. If they need to proceed they will use 40hr trained individuals from Felix Construction. If additional soil excavation is required the soil will also be placed in covered piles. Construction Mgmt is requesting the following samples: BTEX, TPH, TLP Metals, PCB, Ignitability, Oil ID.

6/7/00 0448hrs

LSN 00-05373, <1ppm PCB

6/2/00 LSN 00-05374-001 Oil ID from soil pile indicates sample is similar to transformer oil.

6/8/00 LSN 00-05387-001, TPH 941ppm

6/8/00 LSN 00-05387-002, Flash Point >212 Deg F

TCLP analysis hits SW846 8260/624/1311

Barium 0.83ppm

Lead 0.14ppm

Selenium 0.052ppm

Silver 0.067ppm

6/12/00 LSN 00-05389, BTEX results

Xylenes 27.7ppb (total)

Toluene <1.71ppb

Benzene <2.45ppb

Ethylbenzene <2.2ppb

Test pit was lined with plastic and backfilled with clean fill. It is likely that this area will be reexcavated in the future.

6/16/2003

On Jun 3rd the following people inspected the substation;

NYSDEC: Kerry Foley, Sam Arakhan, Abraham Rodriguez

ConEd: Patrick Keelan, Joe Susco, Robert Sanchez

This spill incident was agreed by all to be cleaned up.

Map Identification Number 383 **213089; 2ND AVE AND E 73 ST**
 2ND AVE AND E 73 ST

NEW YORK, NY

Spill Number: 0814364

Close Date: 08/18/2008
 TT-Id: 520A-0248-631

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2047 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 2ND AVE / E 73RD ST

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: DMPOKRZY

Spiller: ERT DESK – CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/12/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	UTILITY

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 384**THREE GALLONS OIL IN MH #V5087**253 EAST 62 STREET
(COULD BE USED COOKING OIL)

MANHATTAN, NY

Spill Number: 0704425**Close Date: 08/20/2007**

TT-Id: 520A-0102-967

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2052 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 253 E 62ND ST

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Other

Caller Name:

DEC Investigator: gdbreen

Spiller: ERTSDESK - CON EDISON MH #V5087

Notifier Name:

Caller Agency:

Contact for more spill info: ERTSDESK

Spiller Phone: (212) 580-8383

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/19/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ON 5 GALLONS OF WATER: AWAITING CREWS TO CLEAN UP: 207086

DEC Investigator Remarks:

08/20/07 - See eDocs for Con Ed report detailing cleanup and closure.

207086. see eDocs

Map Identification Number 385**3 GAL OIL FOUND IN VAULT # V5087**253 EAST 62 STREET
BETWEEN 2 & 3 AVENUES

MANHATTAN, NY

Spill Number: 0702506**Close Date: 08/20/2007**

TT-Id: 520A-0099-181

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2052 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 253 E 62ND ST

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: gdbreen

Spiller: CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK

Spiller Phone: () -

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/30/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL FOUND DURING NORMAL INSPECTION. 3 GALS ON TOP OF 25 GALLONS OF WATER. SAMPLE ARE BEING TAKEN. CLEANUP IS PENDING RESULTS. NO TO FIVE QUESTIONS. REF #206176.

DEC Investigator Remarks:

08/20/07 - See eDocs for Con Ed report detailing cleanup and closure.

206176. see eDocs

Map Identification Number 386**MAN HOLE #5087**

253 EAST 62ND ST

MANHATTAN, NY

Spill Number: 0112129**Close Date: 09/17/2004**

TT-Id: 520A-0099-182

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2052 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: ANTHONY NATALE
 DEC Investigator: AERODRIG

Spiller: UNKNOWN - UNKNOWN
 Notifier Name: ANTHONY NATALE
 Caller Agency: CON EDISON
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/25/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

con ed # ??? material is in man hole on the surface of water in man hole transformer in in man hole unk if water level is constant or not sample have been taken clean up pending lab results

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
 Con Ed e2mis #141957 Notes:

In V-5087 found an un-diaper able unknown oil sheen on top of approx 50 Gal of Water. His first call was at 14:45, and at this time this desk suggested that he try oil pads. At 16:20 he reported that this was not working. CIG was called at 16:22 hrs spoke to Mr A.Natale #86017, and at this time he was informed that this clean up will be pending lab results, and the possible removal of Transformer in V-5087. Sump pump not working. Tag 27124 placed in vault. Samples taken for PCB, ID, and flash point.

Lab Sequence #02-02488-001 Flash point, pmcc > 140 deg F

Lab Sequence #02-02486-001 PCB 15 ppm

UPDATE: 3/26/02 @ 16:37 hrs.

Operating Supervisor inspected this vault today (3/26/02) and stated that a "Steam Jenny" is required to clean the vault in addition to the tanker & Vactor truck due to the chicken fat and cooking oil/grease in the vault.

Clean Harbors arrived on site on 5/24/02 and setup traffic control & confined space entry equipemnt. Crew removed one yard of solids with bucket & Cusco vehicle. They applied sodium hypochlorite detergent to walls & floor. This was rinsed with hot water, pressure washed and repeated. Walls & floor were washed again with Citri-Kleen solution. Cleanup completed at approx. 16:00 hrs.

Map Identification Number 387**MANHOLE #54519**

E 61 ST & 2ND AV

NEW YORK CITY, NY

Spill Number: 9913255**Close Date: 03/24/2004**

TT-Id: 520A-0098-393

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2054 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: EAST 61ST ST/2ND AVE

Revised zip code: 10021

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: TONY LOPEZ
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN - UNKNOWN
 Notifier Name: MIKE CROWE
 Caller Agency: CON EDISON
 Contact for more spill info: CALLER

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/22/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN NON-PETRO/NON-HAZ MATERIAL	OTHER	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

5 GLS OF UNK OIL ON 200 GLS OF WATER/CLEANUP WILL START WHEN TEST RESULTS ARE IN

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

2/28/00, 0500 hrs: Update from Rich Roache, Con Ed CIG - sample of oil from manhole = 58 ppm PCBs.

e2mis 130079

02/22/00 22: HRS

F.O.B SKRETKOWICZ Reports while working on dead cable job on feeder 31m56 found in mh54519 n/w/c e.61 st and 2 ave approximate 5 gallons of unknown oil and 200 gallons of water mixed at 22:15 hrs. on 02/22/00. no waterways or sewer affected. sample taken and hung sign #20796 clean pending test results.

Source: FOUND APPROX 5 GALLONS CABLE OIL THAT LEAKED FROM OPEN CABLE ENDS, SEALED ENDS, CLEANUP OVER 50 TO 499 PPM.

DATE AND TIME THE CLEANUP STARTED : 02/28/00, 13:15

CLEANUP PROCEDURE : OIL AND WATER REMOVED VIA TANKER OVER > 50 PPM, SHOVEL LEAD CONTAMINATED OILY MUD AND SOLID HAZARDOUS WASTE IN 55 GAL DRUMS.

DATE AND TIME THE CLEANUP WAS COMPLETED : 02/29/00, 04:45

SPILL TAG REMOVED UPON COMPLETION : YES # 20796

Map Identification Number 388**215836; E SECOND AVENUE AND E 61 STREET****Spill Number: 0914052****Close Date: 03/09/2009**

E SECOND AVENUE AND E 61 STREET

NEW YORK, NY

TT-Id: 520A-0249-486

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2054 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 2ND AVE / E 61ST ST

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: DMPOKRZY

Spiller: ERT DESK - CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/05/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	UTILITY

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 389 **215523; E 61 ST AND 2ND AVE**
 E 61 ST AND 2ND AVE

NEW YORK, NY

Spill Number: 0914008

Close Date: 07/24/2009
 TT-Id: 520A-0248-666

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2054 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: E 61ST ST / 2ND AVE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: DMPOKRZY

Spiller: ERT DESK – CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/10/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	4.00	GALLONS	0.00	GALLONS	UTILITY

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 390**MANHOLE #54519**

61ST & 2 AVE

MANHATTAN, NY

Spill Number: 0505468**Close Date: 10/04/2005**

TT-Id: 520A-0098-394

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2054 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: EAST 61ST ST/2ND AVE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Responsible Party
 Caller Name: RON ELLIOTT
 DEC Investigator: SKARAKHA

Spiller: UNKNOWN AT THIS TIME:
 Notifier Name: RON ELLIOTT
 Caller Agency: CON ED
 Contact for more spill info: ERT DESK'

Spiller Phone:
 Notifier Phone: (212) 580-8383
 Caller Phone: (212) 580-8383
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/03/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NO TO 5 QUESTIONS: COMING OFF 24 HOUR CLOCK DUE TO LACK OF CREW : CONED # 160225

DEC Investigator Remarks:

e2mis no 160225

Williams discovered approx 4 gals of an unknown brown substance and approx 7 gal of water. No sewer/waterway affected. The source and cause are unknown at this time. The spill is in the Concrete structure. There is no movement on the standing water. Environmental tag # 44363 was hung. Two samples for PCB and ID will be taken and the courier called by the Finder.

Lab Sequence Number: 05-08005-001 - MATRIX: OIL GRAB
 DESCRIPTION: WATER AND OIL IN MANHOLE - TOTAL PCB 8 ppm.

Closed. 10-4-05. see e-docs. GB

Map Identification Number 391**MAN HOLE #54519**

EAST 61ST ST/2ND AVE

MANHATTAN, NY

Spill Number: 0500436**Close Date: 10/23/2006**

TT-Id: 520A-0098-392

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2054 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: RON ELLIOTT
 DEC Investigator: SKARAKHA

Spiller:
 Notifier Name: RON ELLIOTT
 Caller Agency: CON ED
 Contact for more spill info: ERT DESK

Spiller Phone:
 Notifier Phone: (212) 580-8383
 Caller Phone: (212) 580-8383
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/09/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

3.5 gallons of light fuel oil found in manhole in 200 gallons of water. No to 5 questions. Con Ed #158025.

DEC Investigator Remarks:

10/23/06 - See e-docs for Con Ed report detailing cleanup and closure.

e2mis no. 158025:

On 4/9 at 20:45 Grube # 11504 reported in M-54519 he discovered approx 3.5 gallons of unknown oil atop 200 gal of water in this structure. No sewer/waterway affected. The source and cause are unknown at this time. There is no movement on the standing water. Environmental tag # 41319 was hung. Two samples for PCB and ID will be taken. Chain of Custody # DD 20557. Acct # F 3243.

4/10 @ 05:30

Lab Sequence Number: 05-03258-001

TOTAL PCB 56 ppm

04/10/05 11:50

Lab Sequence Number: 05-03261-001

Oil Identification

Analysis indicates the presence of a substance similar to a light fuel oil.

Update : Due to the fact the oil ID came back as a light fuel oil, and no Flashpoint samples were taken, M54519 will be sampled for Flashpoint and this spill will be changed from a 24 DeMinimis to a spill, fuel oil.

04/10/05 12:00

D.Woods#21014, of the Underground, notified the control center on 04/10/05 at 12:00hrs. to report that a sample for Flashpoint was taken from M54519 and the new Chain of Custody foem number is #BB09598.

Map Identification Number 392 **215 EAST 64TH STREET**
 215 EAST 64TH STREET

MANHATTAN, NY

Spill Number: 0302435**Close Date: 06/09/2003**

TT-Id: 520A-0099-310

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2060 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name: MALLORY GILMORE
DEC Investigator: JMKRIMGOSpiller: UNKNOWN
Notifier Name: MRS KOZZINA-ROSTON
Caller Agency: NYC DEP
Contact for more spill info: MALLORY GILMORESpiller Phone:
Notifier Phone: (212) 355-1230
Caller Phone: (212) 689-1520
Contact Person Phone: (212) 689-1520-----
Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/07/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

IN STREET

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
Dept of Sanitation sent out

closed

Map Identification Number 393**BLAIR HOUSE ASSOC**

250 E 63RD ST

MANHATTAN, NY

Spill Number: 0513894**Close Date: 03/06/2006**

TT-Id: 520A-0095-869

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2062 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name: JOHN HIGGINS

DEC Investigator: HRPATEL

Spiller: BLAIR HOUSE ASSOC

Notifier Name: JOHN HIGGINS

Caller Agency: EPA

Contact for more spill info: BLAIR HOUSE ASSOC

Spiller Phone: (212) 752-1288

Notifier Phone: (732) 774-9391

Caller Phone: (732) 774-9391

Contact Person Phone: (212) 752-1288

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/04/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Called into EPA as anonymous. Second phone number is: 212-308-0915

DEC Investigator Remarks:

03/06/06-Hiralkumar Patel. Spoke with Mr. Danny at Blair House Ass. as per him spill happened on solid concrete floor in property basement in boiler room while starting boiler. no cracks, no drain affected. not yet cleaned up. boiler has stopped and no more leaking. waiting to get boiler repaired. asked Mr. Danny to clean without waiting to get boiler fixed. Danny told me that it was around 1-2 gal of oil.

spoke with Mr. Jim Doyen, Super at building. he told me that there were 10-15 gal of oil spilled. all contained on concrete

floor. they sucked out with sand and speedy dry. still they are using sand to remove more oil from stain on floor as it was # 6 oil. no odor complaints in building. all cleaned up. case closed.

Map Identification Number 394**MANHOLE #3815**

504 E 76TH ST

MANHATTAN, NY

Spill Number: 0308115**Close Date: 06/29/2005**

TT-Id: 520A-0099-233

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2089 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: LARRY COSTA
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name: LARRY COSTA
 Caller Agency: CON EDISON
 Contact for more spill info: LARRY COSTA

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/31/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 GALLONS OF UNKNOWN WAS FOUND FLOATING ON WATER IN THE ABOVE MANHOLE – CLEAN UP PENDING, PADS PLACES ON SPILL FOR CONTAINMENT

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
 e2mis no. 150-973:

10-31-03 @ 10:15

G Sisco reports while doing repairs in m13815 opp 504 e 76 st , he discovered 2 gallons of unknown oil on top of water and on the concrete walls of the structure. No sewer connection as per conduit plate # 37-I-3. Sump could not be verified. No sump pump running. 2 liquid samples were taken. Oil absorbent pads were applied to the spill. Cleanup is pending availability of resources.

Update 10-31-03 @13:17

As per S Cioffi there are no available underground crews to do this scheduled cleanup @ 15:00. Cleanup is to be rescheduled when resources are available.

Update 10-31-03 @ 16:20

R Channner #19887 reports that he has taken 2 new samples. 1 for pcb and 1 for id. Sample priority "e". Chain of custody # aa23024, due to original samples were improperly taken and the original chain of custody was incorrectly filled out

Lab Sequence Number: 03-08939-001
Total PCB <1 PPM

UPDATE: 11/14/03 13:35

Cleanup was completed at 13:30 hrs by underground north
Remove 550 gal of water/oil mixed, 1 barrels of debris &ppe. Liquid was removed by tanker
Double wash with slix, Remove tag #32803
Crews are listed in event involved person

Map Identification Number 395



202 EAST 71ST ST

MANHATTAN, NY

Spill Number: 0204308

Close Date: 09/24/2004

TT-Id: 520A-0091-345

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 2091 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: CHARLIE MCCARTHY

DEC Investigator: AERODRIG

Spiller: CON EDISON

Notifier Name: WALLY LEE

Caller Agency: CON EDISON

Contact for more spill info: CHARLIE MCCARTHY

Spiller Phone: (212) 580-6763

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/24/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

poss cause being a transformer leaking – no sewers/waterways/injuries – partial clean up – still working on it – con ed #144149
– samples taken

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS NOTES 144149

M.Gilson #17065 found 5 gal of oil and debris in Vault #9526 at 18:00 hrs. Hung sign #10467 and took two sample one for pcb and one for oil id. Partial cleanup at this time. Transformer to be remove @06:00 hrs 07/25/02.

Cause of spill: Transformer leaking

Spill on: Concrete

No standing water

No sump pump running

Lab sequence #03-06858-001 PCB 47 ppm

Lab sequence #03-06858-002 PCB 23 ppm

The partial cleanup of the vault was performed on 7/24/02 during the 3 to 11 pm shift. The transformer in this vault is scheduled to be removed 7/25/02. The final cleanup of the vault will be performed and a new transformer will be installed.

UPDATE: 7/25/02

Operating Supervisor of Cable, reported that the final cleanup of this vault was completed at 16:10 hrs. The Vactor/Flush truck

removed all solid debris. Approx. 100 gallons of wash water was removed. The walls & floor of the vault were doubled washed with Rip-tide.

Map Identification Number 396**VAULT #0952**

222 EAST 72ND ST

MANHATTAN, NY

Spill Number: 9903686**Close Date: 01/30/2004**

TT-Id: 520A-0092-625

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 2096 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: ED REISER

DEC Investigator: COMENALE

Spiller: ED REISER - VAULT #0952

Notifier Name: ED REISER

Caller Agency: CON ED

Contact for more spill info: ED REISER

Spiller Phone: (212) 580-6763

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/30/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	40.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SAMPLES TAKEN-CLEAN UP PENDING LAB RESULTS- CON ED #12596

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

con ed e2mis notes:

Found transformer leak 40 gals on concrete floor. Count .4 ppm

Transformer capacity is 285 gallons, historical sample show 10 ppm pcb. DEP requested immediate clean up due to possibility of rain. Waiting for feeder to go out. Feeder is out. Crew is proceeding with cleanup. Photo in file. DEC and DEP are satisfied with cleanup and are going off location. Partial cleanup complete. Raymond Lo going off location. Tanker removed 260 gallons of oil from unit.

Map Identification Number 397 **APT BUILDING**
 300 EAST 74TH STREET

MANHATTAN, NY

Spill Number: 9515110**Close Date: 02/24/2003**
TT-Id: 520A-0101-097

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2110 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 300 E. 74TH ST

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE

Notifier Type: Responsible Party

Caller Name: JOE SANCINELLA

DEC Investigator: CAENGELH

Spiller: JIM CAREY – CASTLE OIL

Notifier Name: MR EDWARDS

Caller Agency: CASTLE OIL

Contact for more spill info: NONE

Spiller Phone: (718) 579-3413

Notifier Phone: (718) 579-3408

Caller Phone: (718) 579-3408

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/24/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	12.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

contained on concrete by the garage spill cleanup crew inroute

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 2/24/2003 – Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 398 **208660; E 75 ST**
 E 75 ST
 E 75 ST 341

, NY

Spill Number: 0890282**Close Date: 12/28/2007**
TT-Id: 520A-0235-706

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2116 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: V-5772 F/O 341 E. 75 ST

Revised zip code: 10021

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT DESK – CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	Unassigned	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/26/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	5.00	GALLONS	0.00	GALLONS	UTILITY

Caller Remarks:

V-5772 F/O 341 E. 75 ST SPILL-TRANSFORMER OIL
Closed: Agency Approval Not Required

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 399 **420 EAST 76TH ST/MANH**
 420 EAST 76TH STREET

NEW YORK CITY, NY

Spill Number: 9101677

Close Date: 05/12/1991
TT-Id: 520A-0097-631

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2131 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type:	Citizen
Caller Name:	LINDA BATORS
DEC Investigator:	KSTANG

Spiller:	
Notifier Name:	
Caller Agency:	CITIZEN
Contact for more spill info:	

Spiller Phone:	
Notifier Phone:	
Caller Phone:	(212) 772-9411
Contact Person Phone:	

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/12/1991	05/12/1991	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	AIR

Caller Remarks:

REFERRED CALLER TO THE NYCDEP AIR RESOURCES & NYCDOH.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"

10/10/95: This is additional information about material spilled from the translation of the old spill file: BLACK SMOKE.

Map Identification Number 400

MANHOLE #60303

E. 76TH ST & CHEROKEE PL

MANHATTAN, NY

Spill Number: 9900971
Close Date: 06/04/1999

TT-Id: 520A-0101-787

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 2142 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: E. 76TH ST / CHEROKEE PL

Revised zip code: 10021

Source of Spill: UNKNOWN
 Notifier Type: Responsible Party
 Caller Name: STEVEN CRIBBIN
 DEC Investigator: JHOCONNE

Spiller: CALLER - CON ED
 Notifier Name: EVA MCQUEEN
 Caller Agency: CON EDISON
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/26/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CON ED HAS A FEEDER LINE IN MANHOLE 3 GAL OIL ON 2500 GAL OF WATER

SPILL CONTAINED IN MANHOLE – SAMPLES ARE BEING TAKEN CON ED #124429

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
DEC inspector notes:

A feeder line in manhole 3 gal oil on 2500 gal of water.

Con ed e2mis notes:

On April 26, 1999, Found 3 gallons of oil and 2500 gallons of water in manhole, feeder 38M32. All contained in manhole. No injuries our outside impact. No sewer or waterway affected. Arrangements have been made to take samples approx. 10:30am.

X removed/recovered liquid/solids

X removed visible traces of oil.

X Con edison personnel/department? R.Temberger , Splicer 52045

X Name of contractor: Con edison

Cleanup completed on : Date: 4/29/99 Time: 7–3 shift.

Aroclor 1242 1ppm

Aroclor 1254 1ppm

Aroclor 1260 1ppm

Benzene 1UG/L

Map Identification Number 401



EAST 57TH ST & 1ST AVENUE

MANHATTAN, NY

Spill Number: 9901510

Close Date: 01/29/2004

TT-Id: 520A-0091-030

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2161 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: EAST 57TH ST / 1ST AVENUE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name: BILL MURPHY
 DEC Investigator: CAENGELH

Spiller: CON EDISON
 Notifier Name: MR. MCHUGH
 Caller Agency: CON EDISON
 Contact for more spill info:

Spiller Phone: (212) 580-6763
 Notifier Phone:
 Caller Phone: (212) 580-6763
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/09/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	8.00	GALLONS	8.00	GALLONS	SOIL

Caller Remarks:

MANHOLE 53310. EIGHT GALLONS OF UNKNOWN OIL ON 55 GALLONS OF WATER. CONTAINED WITHIN MANHOLE. SAMPLES TAKNE. CLEAN UP PENDING TEST RESULTS. CON EDISON REFERENCE NUMBER 124749.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 DEC INSPECTOR NOTES

Copy to DSHM (Arakham)... no sump information.

5-11-99 Env. mgr. Ed Radke – Removed 100gal. oil/water 1 drum solids, Mh not transformer, structure was double washed. Ed to find out about equipment in structure.

5-11-99 14:30 Env.Mgr. Ed believes PCbs from PILC cable.

8-14-99 E-Mailed ERTs for info on sump sampling of sump.

10/12/99: response from ERTs – sump had concrete botoom – no soil samples necessary.

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CON ED E2MIS 124749:

Approx. 8 gals. of unknown oil mixed with 55 gals. of water in M53310, Spill conatained, no entry into sewer or waterway. sample



taken for PCB analysis. The spillis contained, tag #18279 placed.

5-09-99 01:27 hrs. Clenanup will be pending results.

Lab seq#99-04823

Aroclor 1242 PCB 322ppm

5-10-99 Cleanup complete in MH53310. Removed 100 gals. Oil/water to >50 tanker. Generated 1 drum soild waste. Double washed and rinsed structure.

#### Map Identification Number 402



#### MANHOLE 5331

EAST 57TH ST & 1ST AVE

MANHATTAN, NY

Spill Number: 9901085

Close Date: 05/11/1999

TT-Id: 520A-0091-026

#### MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2161 feet to the WSW

#### ADDRESS CHANGE INFORMATION

Revised street: EAST 57TH ST / 1ST AVE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Affected Persons  
Caller Name: STEVE ROMERO  
DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
Notifier Name:  
Caller Agency: CON EDISON  
Contact for more spill info: CALLER

Spiller Phone:  
Notifier Phone:  
Caller Phone: (212) 580-6763  
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 04/28/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SEWER                |

#### Caller Remarks:

1 gal on 250 gal water. con ed # 124518.

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 Con ed e2mis notes:

Found approx 1 gal of unknown oil on approx 250 gals of water. Oil is contained to the manhole didn't enter any waterways or sewer systems. Unable to determine if any large cracks or a sump exists. Structure has no sewer connection. PCB <1ppm, aroclor 1242. R.Valenzuela reports cleanup complete in mh.

removed 950 gals. oil/water to <50 tanker.

Generated 1 drum ppe.

Used flush truck to clean and rinse structure.

**Map Identification Number 403****MANHOLE #53310**

EAST 57TH ST &amp; 1ST AV

MANHATTAN, NY

**Spill Number: 9901083****Close Date: 05/11/1999**

TT-Id: 520A-0091-025

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2161 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: EAST 57TH ST / 1ST AV

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: JOE DEVOTI  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: MR CARROLL  
 Caller Agency: CON EDISON  
 Contact for more spill info: JOE DEVOTI

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 04/28/1999        |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled  | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM           | 1.00             | GALLONS                 | 0.00               | GALLONS             | SOIL                 |

**Caller Remarks:**

1 gal unk oil on 250 gallons of water – spill contained in vault

clean up pending lab results con ed#124516

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
Con ed e2mis notes:

1 gal of unknown oil in manhole. While on routine inspection there is approx 250 gallons of water in structure. Spill is contained and did not enter the waterways or sewer system. There are no verified sump connections in structure. Also no verified cracks, or smoke condition. AROCLOR 1254 pcb count 10 ppm

R. Valenzuela reports clean up complete in mh.

10 ppm pcb.

Removed 1100 gals oil/water to <50 tanker.

Generated 1 bag ppe.

Used flush truck to clean and rinse structure.

**Map Identification Number 404**



**MANHOLE #53310 AND 53311**  
EA 57 ST AND 1ST AVE

MANHATTAN, NY

**Spill Number: 0503135**

**Close Date: 08/23/2005**  
TT-Id: 520A-0095-158

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2161 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: EAST 57TH ST / 1ST AV

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Responsible Party  
Caller Name: TOM MARCINEK  
DEC Investigator: GDBREEN

Spiller: CON EDISON  
Notifier Name: MR MORAN  
Caller Agency: CON ED  
Contact for more spill info: ERT DESK

Spiller Phone:  
Notifier Phone: (212) 580-6763  
Caller Phone: (212) 580-6763  
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/13/2005 |                     | OTHER          | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

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Caller Remarks:

2 manholes each with 1 pint in each one (400 gallons water) – one cleaned up (#53310), the other not (#53311) – no to five questions – ref 159159

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DEC Investigator Remarks:

159159. 6-13-05 @ 22:30. K Ferraro # 06749 reports that while working on and area outage on 57 st, he discovered 1 pint of unknown oil on top of 400 gallons of water in m53310 & m53311 (1 pint in each of the 2 structures, a total of 2 pints of oil and 800 gallons of water ) located at nwc e 57 st & 1 av, easterly & westerly structures. There was or is no smoke or fire involved. No sewer or waterway affected. No injuries and weather had no affect. Account # f3445 is being used for this incident. No measuring device was used to determine the amount of the spill. Source and cause of spill are unknown. Environmental yellow tag # 38771 was applied to m53310 & tag # 38773 was applied to m53311. Water is standing. No visual water movement. No sewer connection as per conduit palte 31-k-3. No substantial cracks observed. Access anytime. 2 liquid samples were taken from each structure, 1 for id and 1 for pcb. Chain of custody # cc13065. Sample priority "e". Oil absorbent pads were applied to the spill. Cleanup is in progress at this time. Incident is classified as a 24 hour deminimus spill. J Moran # 01182

Update 6-14-05 @ 19:10. G Pearson # 50628 reports that the cleanup in m53310 is complete as of now. 4 barrells of ppe and debris generated from the cleanup. 315 gallons of oil and water mixed removed by tanker. Double washed with bio-gen and flushed all liquid removed by tanker. Cleanup crew and supervisor are listed in the event involved person screen. M53311 has multiple secondary burnouts and the cleanup can not be done until the structure is safe. J Moran # 01182

The environmental desk has made a decision to change the classification of this incident to " oil unknown type" due to the fact of the burnouts in the second structure. J Moran #01182  
CIG T Marcinek # 87549 notified @ 9:25. J Moran # 01182.

Update: June 15,2005 @ 11:00 hrs the following information is from voided incident 159201 as per ERT Andrew Fiore.#87976. Albert Munro 13615 O.S District 2 Underground on June 15,2005 @ 10:00 hrs Has discovered that in process to entering MH53310, that approx. one gallon of unknown oil and approx 1 gallon of has leached from adjacent MH53311 back into the above manhole that has just been cleaned. The reason he was entering this structure was to do a cut and rack job. He also reports that the source of this spill is from MH53311, and at this time due to secondary Burnouts are not able to complete clean up until emergency troubleman can make repairs. However, a tanker and cleanup crew are on location and at this time are in process of pumping unknown oil from MH53310. ( Over 50 tanker) And after repairs are made in adjacent manhole both structures will have to be cleaned at the same time.

There was no fire or smoke involved and no sewer or waterway was affected. There were no injuries related to the spill and no weather conditions contributed to the hazards of the spill. No private property was affected. The source of the spill is adjacent

manhole. There is no oil filled equipment in the structure. There is standing water and no substantial cracks. No sewer connection. Samples taken PCB & ID Chain of Custody # DD09516, Acct #12018, Yellow tag to be hung and will call back with information.

Update 6-15-05 @ 18:25. A munro reports that the cleanup is complete as of 18:25. 8 barrels of ppe and debris generated from the cleanup. 415 gallons of oil and water mixed removed by tanker. Double washed with bio-gen and flushed. Tags are to remain in place pending lab results. Cleanup supervisor and crew are listed in the event involved person screen. All employees are listed except for S Walsh # 02623 who is not in the data base. Source of spill was not observed during the cleanup.

Update 6-15-05 @ 20:03. Lab Sequence Number: 05-05774-001.  
no oil extracted for analysis from sample  
Lab Sequence Number: 05-05762-001  
no oil extracted for analysis from sample

Update 6-16-05 @ 00:08. Lab Sequence Number: 05-05761-001 TOTAL PCB 19 ppm

6-16-05 @ 01:35; As per A Drummings # 84163. Due to sample results of 19 ppm pcb from m53310, this incident can now be closed. The source of the spill was m 53311 and migrated to m 53310. The original samples that were taken on 6-13-05 are now missing (as per the chem lab). All repairs to cable have been made and the original source of the oil is unknown at this time. Both structures are now clean.....J Moran # 01182  
\*\*

Update 6-16-05 @ 02:40  
P Murphy # 00010 reports that from m53310 & from m53311 2 tags were removed, the #'s are 47214 & 38773. J Moran # 1182

Closed. 8-23-05. George Breen

**Map Identification Number 405****MH53311**

EAST 57 ST AND 1ST AV

MANHATTAN, NY

**Spill Number: 0003475****Close Date: 04/08/2004**

TT-Id: 520A-0092-739

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2161 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: EAST 57TH ST / 1ST AV

Revised zip code: 10022

Source of Spill: UNKNOWN  
Notifier Type: Affected Persons  
Caller Name: BRIAN JOYCE  
DEC Investigator: JHOCONE

Spiller: UNKNOWN  
Notifier Name: MR CARROLL  
Caller Agency: CON EDISON  
Contact for more spill info: CALLER

Spiller Phone:  
Notifier Phone: (212) 580-6763  
Caller Phone: (212) 580-6763  
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/21/2000 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

no comments

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
e2mis no. 131949:

1 pint of unknown oil on 10 gals.of water in mh-53311. there is no sewer connections. Clean up pending lab results.

Lab-Seq# 00-05999 PCB 31 ppm

DATE AND TIME THE CLEANUP WAS COMPLETED: JUNE.21,2000, 20:30.

CLEANUP PROCEDURE: OIL AND WATER REMOVED VIA TANKER UNDER 50 PPM, FLUSH TRUCK FROM ENVIRONMENT OPERATIONS USED A HIGH PRESSURE HOSE TO DOUBLE WASHED THE FLOOR AND WALL'S WITH BIO-GENESIS SOLUTION (SLIX) , MANHOLE WAS THEN RINSED BY FLUSH OPERATION.

**Map Identification Number 406**



**MANHOLE # 60153**

EAST 76TH STREET AND YORK AVE

MANHATTEN, NY

**Spill Number: 1012950**

**Close Date: 04/18/2011**

TT-Id: 520A-0260-470

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2176 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: EAST 76TH STREET / YORK AVE

Revised zip code: NO CHANGE

|                   |         |                              |                     |                       |  |
|-------------------|---------|------------------------------|---------------------|-----------------------|--|
| Source of Spill:  | UNKNOWN | Spiller:                     | ROTHHOUSE – UNKNOWN | Spiller Phone:        |  |
| Notifier Type:    | Other   | Notifier Name:               |                     | Notifier Phone:       |  |
| Caller Name:      |         | Caller Agency:               |                     | Caller Phone:         |  |
| DEC Investigator: | HRPATEL | Contact for more spill info: | ROTHHOUSE           | Contact Person Phone: |  |

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 03/29/2011 |                     | UNKNOWN        | NO                      | NO                  |

|                   |                |                  |         |                    |         |                      |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | UNKNOWN | 0                  | UNKNOWN | SEWER                |

## Caller Remarks:

Unknown amount of oil found in manhole

## DEC Investigator Remarks:

04/18/11–Hiralkumar Patel. DEC Austin asked to follow up.  
11:45 AM:– spoke with Rothouse at EPA. he mentioned that ConEd reported spill to NRC.

duplicate spill. refer to spill #: 1012948. case closed.

**Map Identification Number 407**      **MAN HOLE 60153**  
 EAST 76 ST AND YORK AVE

NEW YORK, NY

**Spill Number: 1012948****Close Date: 05/03/2011**  
TT-Id: 520A-0260-542

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 2176 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: E 76TH ST / YORK AVE  
Revised zip code: NO CHANGE

|                   |                       |                              |        |                       |                |
|-------------------|-----------------------|------------------------------|--------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | CON ED | Spiller Phone:        |                |
| Notifier Type:    | Other                 | Notifier Name:               |        | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |        | Caller Phone:         |                |
| DEC Investigator: | RWAUSTIN              | Contact for more spill info: | ERT    | Contact Person Phone: | (212) 580-8383 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 03/29/2011        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0.25                    | GALLONS | 0.00                | GALLONS | SURFACE WATER        |

## Caller Remarks:

nrc # 971406/clean up pending

## DEC Investigator Remarks:

5/3/11 – Austin – 1 qt. of dielectric fluid found on 20 gals. water – Con Ed contained and cleaned up the spill – See documents in eDocs for further details – Spill closed – end

**Map Identification Number 408** **212174; E 76 ST AND YORK AVE**  
 E 76 ST AND YORK AVE

NEW YORK, NY

**Spill Number: 0814240**

**Close Date: 07/01/2008**  
 TT-Id: 520A-0248-621

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 2176 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: E 76TH ST / YORK AVE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name:  
 DEC Investigator: DMPOKRZY

Spiller: ERT DESK – CON EDISON  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: ERT DESK

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 06/27/2008        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | UTILITY              |



-----  
 Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL  
 -----

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.  
 -----

**Map Identification Number 409** **SEVEN GAL OIL IN MANHOLE # 57132**  
 YORK AVENUE & EAST 76 STREET

MANHATTAN, NY

**Spill Number: 0801908**

**Close Date: 06/17/2008**  
 TT-Id: 520A-0214-911

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2176 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: YORK AVE / E 76TH ST

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: gdbreen

Spiller: ERTSDESK – CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERTSDESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency  
 -----

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/19/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 40.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

-----  
 Caller Remarks:

NO TO 5 QUESTIONS: CONED#211435  
 -----

DEC Investigator Remarks:

06/17/08 – See eDocs for Con Ed report detailing cleanup and closure.

211435. see eDocs

**Map Identification Number 410****GOLDWATER HOSPITAL**

1 MAIN STREET

ROOSEVELT ISLAND, NY

**Spill Number: 0701429****Close Date: 07/16/2008**

TT-Id: 520A-0098-976

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2188 feet to the S

**ADDRESS CHANGE INFORMATION**

Revised street: GOLDWATER MEMORIAL HOSPITAL

Revised zip code: 10044

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: hrpatel

Spiller: JERRY ILLIANO – GOLDWATER HOSPITAL

Notifier Name:

Caller Agency:

Contact for more spill info: JERRY ILLIANO

Spiller Phone: (212) 318-4751

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 318-4751

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/04/2007 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 2.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

oil is coming from ground and jerry believes it id from old abandoned oil line; are applying absorbant;

**DEC Investigator Remarks:**

05/09/07–Hiralkumar Patel. visited site on 05/08/07. met Hal Schneider and Jerry at site. found oil coming out from ground at entrance of tunnel, that runs from hospital to river. oil stians found on tunnel wall. there is old supply line runs through tunnel (aboveground) which was in use about 30 years ago, where barge used to deliver #6 oil to hospital. currently site has multiple #6 oil tanks.

Hal Schneider  
 Assistant Director  
 Coler Goldwater  
 900 Main Street  
 Roosevelt Island, NY 10044  
 PH. (212) 848-6747  
 FAX (212) 848-6708  
 Email: Hal.Schneider@nychhc.org

Jerry mentioned that there is an open spill case at site related to tank area. spill #: 0503272.

as per Jerry, there is no soil/groundwater data available in area between tank location and current oil seepage area.

05/10/07–Hiralkumar Patel.

multiple spill cases reported at this site:

1. 9704152: 1000 gal #6 oil spill. fuel oil heater malfunctioned. case closed without notes
2. 9714121: 100 gal #6 oil spill. loose hose during delivery. case closed without notes
3. 9800215: tank test failure for diesel tank. case closed as tank has closed. "no investigation done"
4. 9908536: mercury spill. case closed
5. 0303638: found contaminated soil at fill port. case closed.
6. 0503272: oil leaked from leaking fill line. DEC Leszek working on case

discussed with DEC Austin. after his approval, case #: 0503272 has administratively closed and will be investigated under current case #: 0701429.

found closure report for case #: 0303638. abstract: <-----

- found contaminated soil under fuel oil fill container
- excavated 64 cubic ft (4\*4\*4 ft) area and removed contaminated materials
- existing monitoring wells were monitored for contamination (no site specific groundwater flow direction available, could have monitored wells on upgradient side !!!!!)
- no endpoint samples

got following documents from DEC Leszek, submitted by Warren & Panzer Engineers:

- work plan, dated April 27, 2006.
- Groundwater Investigation report, dated May 2006
- Phase II investigation report, dated April 6, 2007

MOSF #: 2–2640

site has following tanks on-site:

1. seven 50,000 gal #6 oil USTs
2. five 25,000 gal #6 oil USTs
3. one 5,000 gal diesel UST
4. one 2,500 gal diesel UST
5. four ASTs for different oil

abstract of Groundwater Investigation Report, dated May 2006:

- product was not detected in any of the on-site wells
- no VOCs or SVOCs found in groundwater samples
- groundwater was encountered at approx. 10–11 ft bg
- groundwater flows southeast as determined from groundwater level measurement

- four monitoring wells monitor the groundwater around the 12 #6 USTs (two wells on west side of tanks and two on north–west side of tanks)
- one monitoring well monitor the groundwater around one diesel UST

no wells/monitoring done on south / southeast side of tank, which is downgradient as per report.

abstract of Phase II report, dated April 6, 2007:

- total 8 soil borings were installed to a maximum depth of 30 ft bgs
- no appreciable amount of groundwater encountered in any of the soil borings
- collected seven soil samples from six borings

|       | -----boring termination----- | -----sampling-----                             |
|-------|------------------------------|------------------------------------------------|
|       | depth (ft)                   | depth (ft)                                     |
| SB-1  | -----6.0-----                | -----0-4-----                                  |
| SB-2  | -----4.0-----                | -----0-4-----                                  |
| SB-3  | -----9.0-----                | -----0-4-----                                  |
| SB-4  | -----15.5-----               | -----8-12-----12-16 (at groundwater interface) |
| SB-5  | -----11.0-----               | -----8-12 (strong odor)                        |
| SB-6  | -----8.0-----                | -----4-8-----                                  |
| SB-7a | -----1.0-----                |                                                |
| SB-7b | -----2.0-----                |                                                |

- no samples collected from borings SB-7a and SB-7b (as hit refusal at 1 and 2 ft)
- no VOC contamination found in any soil sample
- SVOC contamination found in all soil samples, almost at same level except soil sample from SB-4 (SVOC contamination could be from backfill material as coal and coal ash found in some borings)
- five 25,000 gal USTs were tested by PTC
  - \* tank #7: tight tank only (no information about line test)
  - \* tank # 10: dry leak. entire tank was empty during tank test <-----
  - \* tank # 11: tight tank only (no information about line test)
- seven 50,000 gal USTs were tested with "tracer" method by Praxair

Bryan Shaw  
The Warren & Panzer Group  
Ph. (212) 922-0077  
Fax (212) 922-0630

sent email to Hal requiring following information:

1. detailed site map with locations of all current and previous USTs, ASTs with associated pipings
2. information on all existing in-service tanks (#6, diesel and any other tank)
3. information/investigation report on diesel tank which was reported leaking on 04/06/1998
4. site specific groundwater flow direction with well survey data

based on available documents from previous spill cases and site map, oil that found at tunnel entrance could be from previously leaked fill container which was replaced in 2003–2004. oil stain that found on tunnel wall, that wall is towards this fill container area. <-----

05/14/07–Hiralkumar Patel. visited site again. met Jerry at plant. walked inside tunnel and found multiple spots where oil seeping into tunnel. most oil leak found at tunnel entrance, which is close to fill container. fill line runs aboveground from fill container to tanks. found oil and contaminated speedy dry at container bottom. asked Jerry to clean this container bottom and to check for reason of having oil at container bottom as fill box is contained.

found another spot where oil leaking into basement. this corner is close to tank #1 and about 30 ft south of tunnel entrance. asked Jerry to powerwash entire area in basement where oil stains and product is.

Jerry mentioned that Spill #: 0503272 was reported after tank test failure. they found line leak for tank #7. lines has been removed. asked Jerry for endpoint soil samples from line excavation area. tank # 10 was failed due to leak in elbow on tank. and tank # 11 was passed and never had any problem.

about diesel tank, which was reported leaking (spill #: 9800215). Jerry mentioned that that tank was replace entirely with existing double wall fibre glass wall tank. asked Jerry to submit closure report on diesel tank removal.

about leaking fill container in past: Jerry mentioned that after they excavated area of container, they found fill container was located between foundation wall, chimney foundation and bedrock and as per Jerry, area was contained by these three and as per Jerry, DEC Zhao visited site and confirmed this before closing the case.

summary:

- PTC will powerwash tunnel wall.
- Warren & Panzer will survey all existing wells to find out site-specific groundwater flow direction
- will take soil samples: one at tunnel entrance inside basement, one outside building close to fill container atleast to depth of tunnel bottom, one outside building on other side of tunnel (away from fill container area) atleast to depth of tunnel bottom and one in corner south of tunnel entrance where found oil.
- will submit diesel tank closure report
- will take endpoint samples from line excavation area for tank # 7

05/21/07–Hiralkumar Patel. received message from Jerry (Cell: 917-416-3305). they took endpoint samples from tank #7 line excavation.

05/31/07–Hiralkumar Patel. left message for Jerry.

06/01/07–Hiralkumar Patel. received message from Jerry. they cleaned fill container (as found oil on container bottom), took soil samples (as requested during last visit around tunnel and oil stain area) and groundwater flow direction. Jerry is waiting for results.

07/23/07–Hiralkumar Patel. received supplemental Phase II report from Warren & Panzer. they collected three soil samples from line area of tank #7. no contamination found in any samples. (see report on E-docs at case #: 0503272).

spoke with Jerry. asked him to submit investigation report for area where oil found with groundwater and groundwater flow direction data. he will call back.

07/24/07–Hiralkumar Patel. received fax from Mark from PTC with analytical data for four soil samples. fax doesn't included site map with sampling locations.

spoke with Jerry and asked him to submit site map with sampling locations. he mentioned that they haven't done any sampling in basement as he was under the impression the DEC will visit site again with marine personnel to evaluate situation (any flood condition from sampling). told Jerry that he has to get his consultant for such evaluation and asked him to take samples from these area in basement, as required during site visit.

09/06/07–Hiralkumar Patel. spoke with Jerry. he will call PTC to submit site map for last sampling event. they are also in process of signing contract with another company for proper cleanup. Jerry will call back on 09/10/07 with more details once he reach to office.

10/11/07–Hiralkumar Patel. left message for Jerry.

10/15/07–Hiralkumar Patel. received message from Jerry. they are still processing paperwork to start work. he will call once they done with paperwork and schedule a work.

11/30/07–Hiralkumar Patel. left message for Jerry.

12/04/07–Hiralkumar Patel. received email from Jerry. they are currently reviewing draft investigation report and once get approval, will submit to DEC.

12/13/07–Hiralkumar Patel. received Phase II report from Warren & Panzer. abstract:

- total of seven soil borings were installed around the vicinity of the utility tunnel
- four borings were installed outside of building on either side of tunnel
- three borings were installed inside the building
- all outside borings went down to depth of 8 ft below surface except boring #1, in which refusal was encountered
- inside borings were advanced just below the concrete slab and groundwater began to percolate into the basement, the borehole was immediately sealed and no samples were taken
- four soil samples were taken, from outside of building
- no contamination found in samples

based on following, they aksing to close the case:

- everyday monitoring of area and cleanup, if found any oil
- no soil contamination around tunnel
- it is #6 oil
- no VOCs and SVOCs found in groundwater samples from existing wells on-site
- recovery well inside basement is not possible, as could cause flooding

case could not be closed based on following:

- no samples taken inside building

- don't know depth of water level
- no monitoring well east of current fill port

spoke with Chet Bijoor (212-922-0077). asked him to provide depth of water in area of fill port. if water table is around 8 ft, then soil samples taken from outside of building (at 8 ft) would be considered otherwise, need to take soil samples at soil-water interface. asked Chet to install monitoring well in close proximity of current fill port and monitoring of that.

12/31/07–Hiralkumar Patel. received email from Mr. Bijoor. they found basement floor at 8 ft depth. they measured water table in existing wells and found groundwater at 16 ft bg, but the grade at the top of the monitoring wells is approx. 6 ft above the grade in front of the fuel oil fill port. therefore, depth to water table at fill port area is approx. 10 ft bg and soil samples were collected from borings at a depth of 8 ft, almost at water table. (so no further soil sampling needed). as required earlier, Mr. Bijoor proposing two wells down to approx. 15 ft below the ground surface or five feet into the water table. these wells will be installed on each side of tunnel, close to fill port and to the east of fill port. will submit groundwater investigation report.

Chaitanya (Chet) Bijoor, P.E., DEE  
Vice President & Chief Environmental Engineer  
Warren & Panzer Engineers, P.C.  
Ph. (212) 922-0077  
Fax (212) 922-0630  
email: cbijoor@warrenpanzer.com

01/03/08–Hiralkumar Patel. sent email to Mr. Bijoor approving well locations. asked him to provide work schedule. also asked Mr. Bijoor to include basement depth and previous boring depths in next report.

03/18/08–Hiralkumar Patel. received call from Brian. they tried to install well on north side of tunnel, towards East river.

visited site. met Brian. they were installing well on south side of tunnel, towards East river, near active fill box. went to basement and tunnel. found two more locations inside tunnel where oil/water seeping thorough floor.

07/14/08–Hiralkumar Patel. spoke with Mr. Bijoor at Warren & Panzer. he mentioned that investigation report is ready and currently under review by hospital.

left message for Jerry at hospital to submit report.

07/16/08–Hiralkumar Patel. received spill closure report from Warren & Panzer. abstract:

- installed monitoring well to a depth of approx. 11 ft bg where refusal encountered
- well was screened from 6 ft to 11 ft bg
- prior to sampling, the water was purged for only one volume (possibly due to low recovery) <-----
- no contamination found in groundwater sample

summary:

Warren & Panzer investigated soil along fill line for tank #7 which is being use to store #6 oil and as per report, this tank was

failed during tank test in 2005 (spill #: 0503272). but spill was reported for tank test for #2 oil tank. as per MOSF record, site doesn't have any #2 oil tank. so spill #: 0503272 might be reported to tank test failure for #6 oil. contractor took three soil samples along fill line for tank #7 and found clean soil.

spoke with DEC Jacob. he mentioned that each MOSF facility has true groundwater monitoring wells around tank field for purpose of monitoring which serve purpose of leak detection system also. DEC Leszek inspected the site and didn't find free product or sheen in any monitoring wells around tank field.

spill #: 0701429 was reported as found oil like #6 at the entrance of old utility tunnel. as per Jerry from building maintenance, they used to get #6 oil delivery from barge through fill lines which were running through/under tunnel and these lines might have leaked back in days. spill was reported as found about 2 gal of oil seeping through floor of tunnel at multiple spots. as per report from Warren & Panzer, "...large portion of utility tunnel is built into rock, therefore whatever amount of fuel oil may have lost have been trapped in the soil around the immediate vicinity of tunnel. however, occasionally the oil percolates into the tunnel in trickles. its not possible to remove this trapped oil without jeopardizing the integrity of the tunnel and the boiler operations. any attempt to drill a recovery well in the tunnel can lead to a potential flooding of the boiler room. since the trapped oil immediately outside the tunnel walls is confined and does not migrate down gradient, but only trickles into the tunnel, it is suggested that an active monitoring program be implemented to inspect the tunnel on a daily basis to recover any oil as trickles down through the cracks in concrete."

based on following, case closed:

- no contamination in soil samples from boring around tunnel
- no contamination found in groundwater sample from well installed on east side of current fill port, between fill port and East river
- no contamination found in any soil samples during Phase II investigation done in April 2007 (SB-6 was close to tank #1, which is closest from tunnel entrance and no contamination found in sample from SB-6 and that tank was passed tank test on 10/01/06)
- no product or sheen observed in wells around tank field during MOSF inspection in 2007
- no excavation/recovery wells possible inside tunnel (due to flooding)

**Map Identification Number 411****ON STREET**

1409 SECOND AVE/EAST 73/7

MANHATTAN, NY

**Spill Number: 0313039****Close Date: 02/27/2004**

TT-Id: 520A-0099-231

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2215 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: 1409 2ND AVE

Revised zip code: NO CHANGE



|                   |                    |                              |                    |                       |                |
|-------------------|--------------------|------------------------------|--------------------|-----------------------|----------------|
| Source of Spill:  | UNKNOWN            | Spiller:                     | UNKNOWN            | Spiller Phone:        |                |
| Notifier Type:    | Local Agency       | Notifier Name:               | MAHENDRA RAMNARINE | Notifier Phone:       | (718) 595-4784 |
| Caller Name:      | MAHENDRA RAMNARINE | Caller Agency:               | DEP HAZ MAT        | Caller Phone:         | (718) 595-4784 |
| DEC Investigator: | SMSANGES           | Contact for more spill info: | MAHENDAR RAMNARINE | Contact Person Phone: | (718) 595-4784 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/26/2004 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 2.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"

#### Map Identification Number 412



1409 2ND AVE

NEW YORK, NY

Spill Number: 0313037

Close Date: 02/27/2004

TT-Id: 520A-0099-232

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2215 feet to the NNW

#### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

|                   |                 |                              |                      |                       |                |
|-------------------|-----------------|------------------------------|----------------------|-----------------------|----------------|
| Source of Spill:  | UNKNOWN         | Spiller:                     | DEP HAZMAT – UNKNOWN | Spiller Phone:        | (718) 595-4646 |
| Notifier Type:    | Local Agency    | Notifier Name:               | MALLORY GILMORE      | Notifier Phone:       | (212) 689-1520 |
| Caller Name:      | MALLORY GILMORE | Caller Agency:               | DEP                  | Caller Phone:         | (212) 689-1520 |
| DEC Investigator: | SMSANGES        | Contact for more spill info: | DEP HAZMAT           | Contact Person Phone: | (718) 595-4646 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 02/26/2004        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 2.00                    | GALLONS | 0.00                | GALLONS | SOIL                 |

## Caller Remarks:

2 GALLONS SPILLED INTO THE STREET:

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND" sanitation to sand

**Map Identification Number 413** **EAST RIVER**  
 40TH AVE

QUEENS, NY

**Spill Number: 0102680**

**Close Date: 06/11/2001**  
 TT-Id: 520A-0137-188

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (5)  
 Approximate distance from property: 2217 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: 11101

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: DOMINICK DIGIORGIO  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: SAME  
 Caller Agency: KEYSpan  
 Contact for more spill info: DOMINICK DIGIORGIO

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (718) 706-2707  
 Contact Person Phone: (718) 706-2707

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 06/11/2001        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |

-----  
Caller Remarks:

EMPLOYEE OF KEYSpan REPORTS UNKNWON SHEEN ON ABOVE BODY OF WATER IN

ABOVE LOCATION. NO FURTHER INFORMATION AVAILABLE AT TIME OF CALL.

INCIDENT HAS BEEN REPORTED TO THE NRC AND COAST GUARD.  
-----

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

11:40 am - Called Dom DiGiorgio. Sheen was seen on outgoing tide outside of their boom. Unknown source. Sheen has dissipated.

JHO 6/11/01

**Map Identification Number 414**

EAST 67TH ST &amp; 3RD AV

MANHATTAN, NY

**Spill Number: 0008483****Close Date: 12/17/2001**

TT-Id: 520A-0090-691

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2223 feet to the NW

## ADDRESS CHANGE INFORMATION

Revised street: EAST 67TH ST / 3RD AV

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: ANTHONY NATALE

DEC Investigator: JHOCONNE

Spiller: CON EDISON

Notifier Name: PAUL MARCY

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone: (212) 580-6763

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency  
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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/20/2000 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 1.00               | GALLONS | SOIL                 |

## Caller Remarks:

MANHOLE 45138. ONE GALLON UNKNOWN OIL ON 15 GALLONS OF WATER. CONTAINED WITHIN MANHOLE. SAMPLES TAKEN. CLEAN UP PENDING TEST RESULTS. CON EDISON REFERENCE NUMBER 134020.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
Con Ed e2mis #134020 Notes:

10-20-00 1gal unknown oil on 15gal water in manhole 45138.

LSN #00-10087-001 yielded insufficient amount of material for an oil identification analysis.

LSN #00-10088 <1ppm.

Removed all water and oil. Scrubbed and washed manhole using slix degreaser. 1610gal liquids removed. 1 barrel of solids removed.

**Map Identification Number 415** **333 EAST 75TH ST**  
 333 EAST 75TH ST

MANHATTEN, NY

**Spill Number: 0900569**

**Close Date: 04/17/2009**  
TT-Id: 520A-0226-339

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 2241 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: Citizen  
Caller Name:  
DEC Investigator: RMPIPER

Spiller: UNKNOWN  
Notifier Name:  
Caller Agency:  
Contact for more spill info: SHAWN DONUHUE

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone: (718) 595-5000

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 04/15/2009 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| OTHER            | OTHER          | 15.00            | GALLONS | 0.00               | GALLONS |                      |

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**Caller Remarks:**

spill found in basement...no other information available...no clean up crew en-rte

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**DEC Investigator Remarks:**

04/15/09– Zhune spoke to Anthony the porter(212)737–5879. He said there is no spill in this building.

4/17/09– DECPiper– I performed inspection of site. The super was recently fired and called 311. Minor housekeeping issues though okay. Tank is going to be replaced and relocated due to leasing. Spill closed.

**Map Identification Number 416****APARTMENT BUILDING**

300 EAST 75TH STREET  
300 E 75TH ST

NEW YORK, NY 10021

**Spill Number: 0514587****Close Date: 05/31/2006**

TT-Id: 520A–0097–619

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2252 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO REVISION MADE

Source of Spill: PRIVATE DWELLING

Notifier Type: Tank Tester

Caller Name: MARK SALAMICK

DEC Investigator: SFRAHMAN

Spiller: MARK SALAMACK – APARTMENT BUILDING

Notifier Name: MARK SALAMICK

Caller Agency: PETROLEUM TANK CLEANERS

Contact for more spill info: MARK SALAMACK

Spiller Phone: (917) 559–5519 ext. C

Notifier Phone: (917) 559–5519

Caller Phone: (917) 559–5519

Contact Person Phone: (917) 559–5519 ext. C

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

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| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 03/21/2006       |                     | OTHER            | NO                      |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| #6 FUEL OIL      | PETROLEUM           | 0                | GALLONS                 | 0                  | GALLONS             | SOIL                 |

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**Caller Remarks:**

LINE TEST FAILURE, THE LINE COMES FROM A 20,000 GALLON TANK. LINE IS BEING REPLACED, DRUMMING UP CONTAMINATION

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## DEC Investigator Remarks:

Two tanks – filling one tank it entered a second tank – some sort of problem with fill lines.  
 PTC opened up the sidewalk and found contaminated soil. Area is being dug out and new fill box & lines will be installed. PTC will take pictures, take endpoint samples and will forward a closure report to Sharif Rahman.  
 05/18/06 Sharif Rahman– Left a messege for Mark Salamik(PTC) asking to send closure report to DEC.  
 05/31/06 Sharif Rahman– Rec'd closure report prepared by PTC. No 6 oil was leaking from one of the fill line that runs under sidewalk. The sidewalk was excavated and lines were exposed, contaminated soil was removed followed by end point sampling. Analytes were found to be below TAGM 4046. Photographs and waste disposal manifest were provided. NFA required.

## Map Identification Number 417

SB #13283

220 EAST 73RD ST

MANHATTAN, NY

Spill Number: 9910908

Close Date: 04/17/2000

TT-Id: 520A-0097-219

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2255 feet to the NNW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: STEVE CRIBBON  
 DEC Investigator: COMENALE

Spiller: UNKNOWN  
 Notifier Name: MR BOSZE  
 Caller Agency: CON ED  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-8576  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/14/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 10.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

caller reporting an unknown oil mixed with 25 gal of water in box. will sample tomorrow and test clean up pending those results.

spill is on dirt. con ed #129293.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 418** **66TH ST & 3RD AVE**  
 COR. 66TH ST & 3RD AVE

MANHATTAN, NY

**Spill Number: 9406964****Close Date: 08/23/1994**  
TT-Id: 520A-0092-884

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 2255 feet to the WNW

## ADDRESS CHANGE INFORMATION

Revised street: E 66TH ST / 3RD AVE  
 Revised zip code: 10021

Source of Spill: UNKNOWN  
 Notifier Type: Federal Government  
 Caller Name: P.O. PICKERING  
 DEC Investigator: SMMARTIN

Spiller: UNKNOWN  
 Notifier Name:  
 Caller Agency: U.S.C.G.  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 668-7920  
 Contact Person Phone:

Category: Investigation indicates there was no spill.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/23/1994 | 08/23/1994          | UNKNOWN        | UNKNOWN                 | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | -1.00            | UNKNOWN | 0.00               | UNKNOWN | AIR                  |

Caller Remarks:

ALSO CALLING DEP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MARTINKAT"  
 10/10/95: This is additional information about material spilled from the translation of the old spill file: UNK ODOR.

**Map Identification Number 419****MANHOLE 45130**

66TH ST / 3RD AV

MANHATTAN, NY

**Spill Number: 0006697****Close Date: 08/23/2002**

TT-Id: 520A-0094-146

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2255 feet to the WNW

**ADDRESS CHANGE INFORMATION**

Revised street: E 66TH ST / 3RD AV

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: BRIAN JOYCE

DEC Investigator: JHOCONNE

Spiller:

Notifier Name: PELLEGRINO

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/06/2000 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

1 PINT ON 50GAL OF WATER - CONTAINED

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

Con Ed e2mis #133232 Notes:

9-6-00 1pt cable oil mixed with 50gal water. Source was uncapped ends in MH-45130. No sewer connection as per conduit plate 33-J-4. Found 3 conductor primary cable ends uncapped in the manhole. Sample were taken for PCB analysis and returned <1ppm. Double washed floor and walls with slix. Found cement sump and no sewer connection.

UPDATE: 2/22/02 @ 18:18 hrs.

Information pertaining to cleanup: Cable ends were capped. Repairs to feeder were completed.



**Map Identification Number 420****IN FRONT OF**

402 EAST 76TH ST

MANHATTAN, NY

**Spill Number: 0002958****Close Date: 04/02/2004**

TT-Id: 520A-0099-234

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2269 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: RICHARD ROACH

DEC Investigator: JHOCONNE

Spiller: UNKNOWN

Notifier Name:

Caller Agency: CON EDISON

Contact for more spill info: RICHARD ROACH

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/08/2000 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 2.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

con ed was working in the area and found material at location-

asked the four questions and all were answered no

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
e2mis no. 131765:

unknown fluid (possibly transmission fluid) in mh-57311. 20 gallons of water mixed with 2 gallons of unknown fluid in the manhole. Conduit plates show no sewer connections.

LAB-RESULTS 00-05588 PCB &lt;1 PPM

lab-results 00-5593 in mh57311 oil identification analysis -indicates the sample is similar to a light fuel oil.

DATE AND TIME CLEANUP WAS COMPLETED: 06/12/00, 05:45.

CLEANUP PROCEDURE: OIL AND WATER REMOVED VIA TANKER UNDER 50 PPM, FLUSH TRUCK FROM ENVIRONMENT OPERATIONS USED A HIGH PRESSURE HOSE TO DOUBLE WASHED THE FLOOR AND WALL'S WITH BIO-GENESIS SOLUTION (SLIX), MANHOLE WAS THEN RINSED BY THE FLUSH TRUCK.

**Map Identification Number 421****FOOT OF ROOSEVELT IS.BRDG**

FOOT OF ROOSEVELT IS.BRDG

LONG ISLAND CITY, NY

**Spill Number: 9306334****Close Date: 08/24/1993**

TT-Id: 520A-0137-208

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 2292 feet to the E

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: 11106

Source of Spill: UNKNOWN  
 Notifier Type: Federal Government  
 Caller Name: P.O. WALKER  
 DEC Investigator: CAMMISA

Spiller: UNK.POSSIBLE CON-ED.  
 Notifier Name:  
 Caller Agency: USCG  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 668-7920  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 08/24/1993       | 08/24/1993          | UNKNOWN          | UNKNOWN                 |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| #6 FUEL OIL      | PETROLEUM           | -500.00          | GALLONS                 | 0.00               | GALLONS             | SURFACE WATER        |

**Caller Remarks:**

ONGOING FOR ~2 DAYS - NYC PD HARBOR UNIT WAS NOTIFIED - NEGATIVE SITING.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 422** **2ND AVE/E59TH ST**  
 2ND AVE/E59TH ST

MANHATTAN, NY

**Spill Number: 9703481**

**Close Date: 06/20/1997**  
 TT-Id: 520A-0090-638

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2297 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: 2ND AVE / E 59TH ST

Revised zip code: 10022

Source of Spill: UNKNOWN  
 Notifier Type: Local Agency  
 Caller Name: SABINE  
 DEC Investigator: KSTANG

Spiller: UNKNOWN  
 Notifier Name: TRANSPORTATION  
 Caller Agency: DEP  
 Contact for more spill info: #27 DISPT

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (718) 595-6700  
 Contact Person Phone: (212) 442-7090

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/20/1997 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIESEL           | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

Caller Remarks:

ONLY INFO AVAILABLE 3RD PARTY CALL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"  
 CALL NYCDEP, HAD CALLED SANITATION TO SEND SANDER TO SAND DOWN THE ROAD.

**Map Identification Number 423** **S.TRAMWAY STAT/59TH ST.**  
 S. TRAMWAY STAT/59TH ST

MANHATTAN, NY

**Spill Number: 9207891**

**Close Date: 10/08/1992**  
 TT-Id: 520A-0101-619

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 2297 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: UNKNOWN

|                            |                              |                              |
|----------------------------|------------------------------|------------------------------|
| Source of Spill: UNKNOWN   | Spiller:                     | Spiller Phone:               |
| Notifier Type: Other       | Notifier Name:               | Notifier Phone:              |
| Caller Name: KEITH BRESLIN | Caller Agency: CITIZEN       | Caller Phone: (000) 000-0000 |
| DEC Investigator: KSTANG   | Contact for more spill info: | Contact Person Phone:        |

Category: Investigation indicates there was no spill.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 10/08/1992 | 10/08/1992          | UNKNOWN        | UNKNOWN                 | NO                  |

|                                  |                    |                  |                    |                    |                    |                            |
|----------------------------------|--------------------|------------------|--------------------|--------------------|--------------------|----------------------------|
| Material Spilled                 | Material Class     | Quantity Spilled | Units              | Quantity Recovered | Units              | Resource(s) Affected       |
| UNKNOWN PETROLEUM<br>PAINT CHIPS | PETROLEUM<br>OTHER | -1.00<br>0       | UNKNOWN<br>UNKNOWN | 0.00<br>0          | UNKNOWN<br>UNKNOWN | GROUNDWATER<br>GROUNDWATER |

Caller Remarks:

NOTICED PAINT CHIPS AND SEDIMENT BLOWING OFF BRIDGE INTO WATER AND AIRREFER TO SPDES/JOE MADULES

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"

**Map Identification Number 424** **QUEENSBORO BRIDGE EAST BO**  
 59TH ST. /2ND AVE. EAST B

NEW YORK, NY

**Spill Number: 0405699**

**Close Date: 08/25/2004**  
 TT-Id: 520A-0090-633

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 2297 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: E 59TH ST / 2ND AVE  
 Revised zip code: NO CHANGE

|                            |                                            |                                      |
|----------------------------|--------------------------------------------|--------------------------------------|
| Source of Spill: UNKNOWN   | Spiller: UNKNOWN                           | Spiller Phone:                       |
| Notifier Type: Other       | Notifier Name: UNKNOWN DISPATCHER          | Notifier Phone:                      |
| Caller Name: AZALEA MADDIX | Caller Agency: DEP EMERGENCY CALL CENTER   | Caller Phone: (212) 689-1520         |
| DEC Investigator: SMSANGES | Contact for more spill info: AZALEA MADDIX | Contact Person Phone: (212) 689-1520 |

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 08/24/2004        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | UNKNOWN | 0                   | UNKNOWN | SOIL                 |

## Caller Remarks:

All info unknown at this time.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"

## Map Identification Number 425



## CONSTRUCTION SITE

76TH AND 1ST ST

MANHATTAN, NY

Spill Number: 9911246

Close Date: 03/04/2003

TT-Id: 520A-0093-083

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2304 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: EAST 76TH ST / 1ST AVE

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Affected Persons

Caller Name: ERTHA BRAMWELL-WELLS

DEC Investigator: TOMASELLO

Spiller: TISHMAN CONSTRUCTION CO

Notifier Name: ERTHA BRAMWELL-WELLS

Caller Agency: CITIZEN

Contact for more spill info: RAY

Spiller Phone: (212) 879-8472

Notifier Phone: (718) 342-3037

Caller Phone: (212) 434-5368

Contact Person Phone: (212) 879-8472

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 12/23/1999       |                     | OTHER          | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| GASOLINE         |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SOIL                 |

-----  
Caller Remarks:

CALLER WAS WALKING BY SITE WHEN SHE SAW SOMETHING FALLING FROM SKY

HER OFFICE IS NEAR BY--WHEN SHE ARRIVED AT WORK SHE REALIZED THE SUBSTANCE WAS GASOLINE AND WAS ON HER CLOTHING.  
-----

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 426****MANHOLE 57310**

411 E 76TH ST

MANHATTAN, NY

**Spill Number: 0000621****Close Date: 05/20/2002**

TT-Id: 520A-0097-625

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2324 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Affected Persons  
Caller Name: JIMMY FOX  
DEC Investigator: JHOCONNESpiller: UNKNOWN  
Notifier Name: MR RUSSO  
Caller Agency: CON ED  
Contact for more spill info:Spiller Phone:  
Notifier Phone:  
Caller Phone: (212) 580-6763  
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency  
-----

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
|------------|---------------------|----------------|-------------------------|---------------------|

|            |  |         |    |    |
|------------|--|---------|----|----|
| 04/16/2000 |  | UNKNOWN | NO | NO |
|------------|--|---------|----|----|

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

-----  
Caller Remarks:1 PINT OF UNK OIL ON 100 GALLONS OF WATER - CLEAN UP PENDING LAB RESULTS - SAMPLES TAKEN - REF #130911  
-----

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
e2MIS no. 130-911:

April 16, 2000 10:27 hrs.

Andre Sahai #18615 Maint. Services reports that on April 16, 2000 @ 10:22 hrs he found approx. 1 pint of an unknown oil mixed with approx. 100 gallons of water in mh-57310 @ 411 E 76 Street. There is no visual movement and undetermined if there is a sump or sewer connection and conduit plate 37-L-1 is not on record.

A PCB sample was taken. Attempted to cleanup as a sheen and was unable. The cleanup is pending Test Results.

4/18/00 05:46 Received lab results, lab sequence # 00-03723

Aroclor - none PCB - <1.00 PPM. Lab Analysis SA00-03788-001 indicates an oil similar to Cooking Oil.

DATE AND TIME THE CLEANUP WAS COMPLETED : 04/21/00 : 12:00. CLEANUP PROCEDURE : FLUSH TRUCK FROM FLUSH OPERATIONS USED A HIGH PRESSURE HOSE TO DOUBLE WASHED THE FLOOR AND WALLS WITH BIO- GENESIS SOLUTION (SLIX), MANHOLE WAS THEN RINSED BY FLUSH TRUCK.

#### Map Identification Number 427



#### QUEENS BOROUGH BRIDGE

QUEENS BOROUGH BRIDGE

QUEENS, NY

Spill Number: 9504270

Close Date: 07/10/1995

TT-Id: 520A-0137-202

#### MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 2369 feet to the SSE

#### ADDRESS CHANGE INFORMATION

Revised street: QUEENSBOROUGH BRIDGE

Revised zip code: 11101

Source of Spill: UNKNOWN  
Notifier Type: Federal Government  
Caller Name: L. RHODES  
DEC Investigator: KSTANG

Spiller: UNKNOWN  
Notifier Name:  
Caller Agency: USCG  
Contact for more spill info:

Spiller Phone:  
Notifier Phone:  
Caller Phone: (212) 668-7920  
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/10/1995 | 07/10/1995          | UNKNOWN        | UNKNOWN                 | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | -1.00            | GALLONS | 0.00               | GALLONS | SURFACE WATER        |

---

 Caller Remarks:

LARGE SLICK IN RIVER – USCG IS SENDING TEAM TO INVESTIGATE AT 12:15 P.M. – USCG WILL INVESTIGATE THE CON ED FUEL TO SEE IF POSSIBLE SOURCE SHEEN WAS DISIPATED

---

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"

---

 Map Identification Number 428


**QUEENSBORO BRIDGE**  
QUEENSBORO BRIDGE

QUEENS, NY

**Spill Number: 9504172**

**Close Date: 07/07/1995**  
TT-Id: 520A-0137-203

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 2369 feet to the SSE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 11101

Source of Spill: UNKNOWN  
Notifier Type: Federal Government  
Caller Name: PO WARD  
DEC Investigator: MMMULQUE

Spiller: UNKNOWN  
Notifier Name:  
Caller Agency: USCG  
Contact for more spill info:

Spiller Phone:  
Notifier Phone:  
Caller Phone: (212) 668-7920  
Contact Person Phone:

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Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

---

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/07/1995 | 07/07/1995          | UNKNOWN        | UNKNOWN                 | NO                  |

---

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | -1.00            | GALLONS | 0.00               | GALLONS | SURFACE WATER        |

---



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 Caller Remarks:

1 MILE UNDER QUEENBORO BRIDGE

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## DEC Investigator Remarks:



Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MULQUEEN"

**Map Identification Number 429****59TH ST BRIDGE**

59TH ST BRIDGE

QUEENS, NY

**Spill Number: 9409823****Close Date: 06/16/1998**

TT-Id: 520A-0137-205

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 2369 feet to the SSE

## ADDRESS CHANGE INFORMATION

Revised street: 59TH ST. BRIDGE

Revised zip code: 11101

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: ANTHONY CONSTANTINE

DEC Investigator: CAENGELH

Spiller: CON EDISON

Notifier Name:

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/22/1994 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units  | Quantity Recovered | Units  | Resource(s) Affected |
|-------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | -1.00            | POUNDS | 0.00               | POUNDS | SURFACE WATER        |
| DIELECTRIC FLUID  | PETROLEUM      | 0                | POUNDS | 0                  | POUNDS | SURFACE WATER        |

## Caller Remarks:

FEEDER DEVELOPED LEAK. NRC, DEP, NYCFD, SANITATION, NOTIFIED. REPAIRING THE FEEDER. CALLED USCG POLLUTIN RESOND. CALLED BACK CON EDISON. DRIPPING INTERMITTENTLY. COLUMN #97, NORTH OUTER ROADWAY. QUEENS

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGLEHARDT"  
Release directly to East River, 225 gallons total leaked.

**Map Identification Number 430****EAST RIVER-QNS BORO BRIDG**

EAST RIVER-QNS BORO BRIDG

BROOKLYN, NY

**Spill Number: 9403956****Close Date: 06/21/1994**

TT-Id: 520A-0137-193

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (5)

Approximate distance from property: 2369 feet to the SSE

## ADDRESS CHANGE INFORMATION

Revised street: EAST RIVERQNS BORO BRIDG

Revised zip code: 11101

Source of Spill: UNKNOWN  
 Notifier Type: Federal Government  
 Caller Name: P.O. MORRISON  
 DEC Investigator: SMMARTIN

Spiller: UNKNOWN  
 Notifier Name:  
 Caller Agency: U.S.C.G.  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 668-7920  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 06/21/1994        | 06/21/1994          | UNKNOWN        | UNKNOWN                 |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | -1.00                   | UNKNOWN | 0.00                | UNKNOWN | SURFACE WATER        |

## Caller Remarks:

U.S.C.G. IS ON WAY. NO SOURCE, UNRECOVERABLE.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MARTINKAT"

10/10/95: This is additional information about material spilled from the translation of the old spill file: SHEEN.

**Map Identification Number 431****QUEENSBORO BRIDGE 59TH ST**

QUEENSBORO BRIDGE 59TH ST

QUEENS, NY

**Spill Number: 9305820****Close Date: 10/27/2000**

TT-Id: 520A-0137-197

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 2369 feet to the SSE

## ADDRESS CHANGE INFORMATION

Revised street: QUEENSBORO BRIDGE 59TH ST

Revised zip code: 11101

|                   |                    |                              |     |                       |                |
|-------------------|--------------------|------------------------------|-----|-----------------------|----------------|
| Source of Spill:  | UNKNOWN            | Spiller:                     |     | Spiller Phone:        |                |
| Notifier Type:    | Federal Government | Notifier Name:               |     | Notifier Phone:       |                |
| Caller Name:      | ROBERT KEPICH      | Caller Agency:               | DEP | Caller Phone:         | (718) 595-6777 |
| DEC Investigator: | CAENGELH           | Contact for more spill info: |     | Contact Person Phone: |                |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/11/1993 |                     | OTHER          | NO                      | NO                  |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

PIPE RUNNING OVER BRIDGE COAST GUARD SENDING TEAM OUT – DEC OLRREADY NOTIFIED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

10/10/95: This is additional information about material spilled from the translation of the old spill file: DILECTRIC FLUID OIL

Duplicate of spill #9305815.

**Map Identification Number 432**



**EAST RIVER/VERNON BLVD**

VERNON BLV/QUEENSBORO BRI

NEW YORK CITY, NY

**Spill Number: 9003855**

**Close Date: 06/13/1995**

TT-Id: 520A-0137-206

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 2369 feet to the SSE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: 11101

|                   |                    |
|-------------------|--------------------|
| Source of Spill:  | UNKNOWN            |
| Notifier Type:    | Federal Government |
| Caller Name:      | P O BRYANT BROWN   |
| DEC Investigator: | FINGER             |

|                              |         |
|------------------------------|---------|
| Spiller:                     | UNKNOWN |
| Notifier Name:               |         |
| Caller Agency:               | USCG    |
| Contact for more spill info: |         |

|                       |                |
|-----------------------|----------------|
| Spiller Phone:        |                |
| Notifier Phone:       |                |
| Caller Phone:         | (212) 668-7920 |
| Contact Person Phone: |                |

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 07/06/1990       | 06/13/1995          | UNKNOWN        | UNKNOWN                 |         | NO                  |         |                      |
| Material Spilled | Material Class      |                | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN MATERIAL | OTHER               |                | -1.00                   | UNKNOWN | 0.00                | UNKNOWN | SURFACE WATER        |

## Caller Remarks:

5FT X 200FT SHEEN WAS NOTICED.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

## Map Identification Number 433



**QUEENSBOROUGH BRIDGE**  
QUEENS BR/LOWER RD EASTBD

QUEENS, NY

Spill Number: 8709432

Close Date: 02/05/1988  
TT-Id: 520A-0137-195

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)  
Approximate distance from property: 2369 feet to the SSE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: 11101

Source of Spill: UNKNOWN  
Notifier Type: Police Department  
Caller Name:  
DEC Investigator: JCGRATHW

Spiller: UNKNOWN  
Notifier Name:  
Caller Agency:  
Contact for more spill info:

Spiller Phone: (N/A) -  
Notifier Phone:  
Caller Phone:  
Contact Person Phone:

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |        | Penalty Recommended |        |                      |
|------------------|---------------------|----------------|-------------------------|--------|---------------------|--------|----------------------|
| 02/05/1988       | 02/05/1988          | UNKNOWN        | UNKNOWN                 |        | NO                  |        |                      |
| Material Spilled | Material Class      |                | Quantity Spilled        | Units  | Quantity Recovered  | Units  | Resource(s) Affected |
| ASBESTOS         | HAZARDOUS MATERIAL  |                | -10.00                  | POUNDS | -10.00              | POUNDS | SOIL                 |

## Caller Remarks:

NYCDOS REMOVED BAG FROM THE BRIDGE; UNKNOWN IF BAG LEFT RESIDUE

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "GRATHWOL"

## Map Identification Number 434



**QUEENSBORO BRIDGE**  
EAST RIVER/EAST BLVD

LONG ISLAND CITY, NY

Spill Number: 0508629

Close Date: 10/18/2005

TT-Id: 520A-0209-657

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 2369 feet to the SSE

## ADDRESS CHANGE INFORMATION

Revised street: E RIVER / EAST BLVD

Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: MANI MALEKI

DEC Investigator: JBVOUGHT

Spiller: QUEENSBORO BRIDGE

Notifier Name: MANI MALEKI

Caller Agency: URBTRAN

Contact for more spill info:

Spiller Phone:

Notifier Phone: (718) 392-2042

Caller Phone: (718) 392-2042

Contact Person Phone:

| Spill Date       | Date Cleanup Ceased | Cause of Spill              | Meets Cleanup Standards |                   | Penalty Recommended |                   |                                |
|------------------|---------------------|-----------------------------|-------------------------|-------------------|---------------------|-------------------|--------------------------------|
| 10/18/2005       |                     | OTHER                       | NO                      |                   | NO                  |                   |                                |
| Material Spilled |                     | Material Class              | Quantity Spilled        | Units             | Quantity Recovered  | Units             | Resource(s) Affected           |
| LEAD PAINT       |                     | HAZARDOUS MATERIAL<br>OTHER | 5.00<br>0               | POUNDS<br>GALLONS | 0.00<br>0           | POUNDS<br>GALLONS | SURFACE WATER<br>SURFACE WATER |

## Caller Remarks:

Caller reports a fire on the bridge. Around 3000 lbs of Black Beauty abrasive burned. This abrasive contains lead based paint. This burned and some went onto the East River. L & L Painting Company has started the cleanup.

## DEC Investigator Remarks:

10/19/05-Vought-Called Mani and left message to return call. Spoke to Mani and spill was contained on bridge except for waste water. Previous samples has 017% lead and hence calculation of 5lb of lead. Air monitoring samples being collected. Water runoff from FDNY with small amounts of lead entered East River and sewer system. Cleanup was completed and two remaining platforms will be cleaned. Vought gave number of NYCDEP and USCG and Mani will notify them. Spill closed by Vought due to no impact to soil and minimal impact to East River (making recovery not feasible due to water velocity and temporal nature of spill).

**Map Identification Number 435****MANHOLE 45114**

E 64TH ST &amp; 3RD AVE

MANHATTAN, NY

**Spill Number: 9811204****Close Date: 11/04/2003**

TT-Id: 520A-0090-997

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2400 feet to the WNW

**ADDRESS CHANGE INFORMATION**

Revised street: E 64TH ST / 3RD AVE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: TONY CONSTANTINE

DEC Investigator: CAENGELH

Spiller:

Notifier Name: MR BYALICK

Caller Agency: CON EDISON

Contact for more spill info: TONY CONSIDINE

Spiller Phone:

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/07/1998 |                     | OTHER          | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

1 qt unk oil in 400 gals of water in manhole

12175

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

E2MIS 121755

12/07/98 00:46 TATEKAWA REPORTS HE FOUND UNKNOWN 1PT OF OIL MIXED IN 400GAL'S OF WATER IN MH-45114 N/W/C E.64 ST 3 AVE. ITS CONTAINED,DID NOT ENTER ANY WATERWAY OR SEWER,DID NOT TAKE A SAMPLE OR HANG

A SIGN IS WAITING FOR FOREMAN AND THAN HE WILL TAKE SAMPLE AND HANG A SIGN. HE WAS WORKING ON DC ELEMINATION AND THERE IS PRIMARY CABLE IN THE MANHOLE

If this is a Con Edison manhole it contains electrical cable and splices. Many manholes have a sealed sump in the floor which is used to allow runoff when pumping the structure. A hose is place in this sump and water on the floor will flow into the sump

allowing the floor to be cleaned. If cleaned prior to analysis of the fluid, the structure will be cleaned as >50 PPM and all liquid and waste will be manifested accordingly. The structure will be double washed with a degreaser, i.e. Slix. All cleaning material and PPE will also be treated as >50. If any sludge is found within a manhole it is treated as lead contaminated and manifested accordingly. The spill identification tag will remain secured to the structure until the analysis is completed and if <500 PPM the signage will be removed. If the analysis is >499 PPM, a grid will be prepared for wipe testing the area. Until the analysis of the wipes are proven to be <10ugs/100cme2 all additional waste produced from the structure will be treated as the original analysis.

If this spill occurred in a transformer vault containing a sump pump and there was a possible release, the drainpipe trap will be dismantled to determine if oil was released. Sludge found in a vault, through historical analysis, has been determined not to contain lead.

12/07/98 02:12 P.MCGRATH REPORTS SAMPLE TAKEN AND HUNG SIGN#21887 IN MH45114

N/E/C E.64 ST 3 AVEAVE...SAMPLE IS FOR PCB

Analysis received SA98-13500 = Aroclor 1260 / PCB <1.00 PPM ...

12-8-98 07:45

Cleanup complete 12-8-98 at 0600 hours supervised by J.McCabe 00305. 500 gallons oily water removed via tanker, mh was then double washed. 2-55 gallon drums hazardous waste generated, picked up by corporate transportation. EPA#NYP004033056. Tag removed. Crew: J.Hinojosa 16383, L.Morales 74700, and S.Johnson 00394.

**Map Identification Number 436****JOHN JAY PARK**

E 77TH ST / CHEROKEE PLAC

MANHATTAN, NY

**Spill Number: 0600876****Close Date: 05/10/2006**

TT-Id: 520A-0097-423

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2406 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: E 77TH ST / CHEROKEE PL

Revised zip code: 10021

Source of Spill: UNKNOWN  
Notifier Type: Police Department  
Caller Name:  
DEC Investigator: HRPATEL

Spiller:  
Notifier Name:  
Caller Agency:  
Contact for more spill info: JOHN HEIMERLET

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone: (212) 794-6569

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 04/23/2006       |                     | OTHER          | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #2 FUEL OIL      |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SEWER                |

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Caller Remarks:

PUDDLE WITH RAINBOW COLOR  
1 BLOCK EAST OF YORK AVE  
NEAR UNDERGROUND TANK  
POSSIBLY WENT INTO STREET DRAIN

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DEC Investigator Remarks:

04/24/06--Hiralkumar Patel. REceived during off hours duty. spoke to John and as per him, while he was on vacation, oil delivery happend. and tank overfilled. oil spilled at vent pipe location. it is 1500 gal UST. no further information. he will contact oil company for cleanup today as he failed to contact person yesterday.

PBS# 2-604971. Tank test results expired on 4/2/06.

This is property of NYC Parks & REcreation. Left message for John.

04/26/06--Hiralkumar Patel. this spill was previously reported by Micheal Sepe from Fenley & Nicol as a tank failure. spill # is 514332.000

CSL with TTF letter sent out to Gabe Ramos and to John Heimerlet. faxed copy to Micheal Sepe at Fenley & Nicol (631-586-4920).

Spill close. please refer Spill # 0514332

**Map Identification Number 437**



**APARTMENTS**

238 EAST 60TH ST

MANHATTAN, NY

**Spill Number: 0808152**

**Close Date: 10/31/2011**

TT-Id: 520A-0220-609

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2409 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE



Source of Spill: PRIVATE DWELLING  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: HRPATEL

Spiller: MIKE NATOLI – 27 GROVE CORP  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: EVELINE BROWN

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (914) 997-6730

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/20/2008 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 5.00             | GALLONS | 0.00               | GALLONS |                      |

#### Caller Remarks:

A petro tech found a bucket in the sump pit with oil in the pit. Unknown how much might have leaked into the pit. Customer was notified.

#### DEC Investigator Remarks:

10/21/08–Vought–Called Evelyn Brown (914–997–6730) and left message to return call to Vought and DEC Ahmed responding to spill due to proximity to site from other separate site visit. Vought received call from Evelyn Brown (cell 516–652–7587) and she provided contact for onsite building engineer (Luis 646–239–9773).

10/21/2008–HRAHMED–Responded to the site. Noticed oil water mix in the sump near the boiler. Noticed pipes running from sewer and boiler to the sump. The oil water mix was contained in the sump. Luis called me later and told that he cleaned the sump and put the mix in a bucket. As per him there was no leak or crake in the sump. Talked to Evelyn and told her to hire somebody to clean up the site and dispose the oil water mix properly and send a letter report and disposal manifest.

10/31/11–Hiralkumar Patel. case transferred from DEC Hasan to DEC Patel.

case closed due to nature of the spill.

#### Map Identification Number 438



**JOHN JAY BATHHOUSE**  
 76-01 FDR DRIVE

MANHATTAN, NY

**Spill Number: 1000656**

**Close Date: 04/20/2010**  
 TT-Id: 520A-0249-305

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)  
 Approximate distance from property: 2424 feet to the NNE

#### ADDRESS CHANGE INFORMATION

Revised street: 7601 FDR DR  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: hrpatel

Spiller: ALEX TSAKISAS – UNKNOWN  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: ALEX TSAKISAS

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (718) 309-5977

| Spill Date        | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 04/16/2010        |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled  | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM           | 0                | GALLONS                 | 0                  | GALLONS             | SOIL                 |

#### Caller Remarks:

Caller reporting oil is seeping from an unknown source into an excavation. Best access is on 77th between York Ave and FDR Dr– John Jay Park– John Jay Bathhouse

#### DEC Investigator Remarks:

04/16/10–Hiralkumar Patel.

1:00 PM:– visited site. met Nadia Jarrett, construction manager from NYC Parks dept. as per Ms. Jarrett, they are renovating on-site building and installing new elevator in the building. during installation of four concrete pillars for new elevator, found oil in one area. about 10 gal oil/water recovered till now. Ms. Jarrett mentioned that they found concrete and bedrock during excavation in three corners of new elevator area, but found backfill material (bricks etc.) in fourth corner which is closest to the boiler. no odors on basement. asked Ms. Jarrett to collect product sample for fingerprint and age analysis. found bedrock about 1 ft below basement floor. site had #2 oil UST which was removed recently as part of on-going renovation and will install another fiberglass tank in same location. as per on-site person, old tank was installed within bedrock and no contamination found after tank removed. it was direct fill and supply/return lines were running aboveground in basement. during site visit, found clean water in same excavation in other corner about 5 ft away from impacted area and this clean water area was between old tank and impacted area.

based on observations during the site visit (oil in only one area and bedrock found underneath it) and information provided (as no contamination after old tank removed), asked Ms. Jarrett to excavate more in impacted area to remove contaminated backfill. informed her that the department may require additional soil and/or groundwater investigation based on results of additional excavation.

Nadia Jarrett  
 Construction Manager  
 NYC Parks  
 Ph. (347) 386-2131  
 email: nadia.jarret@parks.nyc.gov

PBS #: 2-604971. as per PBS record, site has one 1,500 gal #2 oil UST.

as per PBS application filed on 03/22/10, Empire environmental removed one 1,500 gal UST and will install one 1,000 gal UST.

3:16 PM:- spoke with Carol Castania (718-714-6898) at Empire. they removed tank on 03/30/10 and no contamination in tank area. asked Carol to submit tank removal affidavit.

04/19/10-Hiralkumar Patel.

1:00 PM:- visited site. met Alex Tsakidis (718-309-5977), a general contractor from Jemco. they excavated area further and found small concrete pit (2 ft by 2 ft by 1 ft), which was filled with contaminated debris. found some water in pit with little oil. asked Alex to drill through concrete pit bottom to see any soil contamination under pit. Alex mentioned that they will do drilling tomorrow morning around 9 AM.

04/20/10-Hiralkumar Patel.

9:45 AM:- visited site. met James Malin from NYC Parks. contractor drilled two holes in concrete pit and found rock underneath the pit. no oily water coming up from holes. very minor oily water found in pit (as compared to about 4 gal oil found at first day). Mr. Malin gave copy of as-built plan from 1940 which shows that pit was old boiler sump and that was built on bedrock. as per Mr. Malin, new boiler was installed about 5 years ago.

James Malin  
Deputy Director of Manhattan Construction Capital Projects  
NYC Parks and Recreation  
Ph. (718) 760-6762  
Fax (718) 760-6730  
email: james.malin@parks.nyc.gov

based on observations during site visits, case closed.

**Map Identification Number 439**



**PLAZA 400**

400 EAST 56TH STREET

MANHATTAN, NY

**Spill Number: 8907951**

**Close Date: 02/12/2003**

TT-Id: 520A-0095-190

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 2433 feet to the SW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: Other  
Caller Name: VAL MACARI  
DEC Investigator: SULLIVAN

Spiller: PLAZA 400  
Notifier Name:  
Caller Agency: PETRO TANK CLEANING  
Contact for more spill info:

Spiller Phone: (212) 759-4798  
Notifier Phone:  
Caller Phone: (718) 624-4842  
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/10/1989 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units  | Quantity Recovered | Units  | Resource(s) Affected |
|------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 0                | POUNDS | 0                  | POUNDS | SOIL                 |

Caller Remarks:

25K TANK SPILL CONTAINED IN BASEMENT. CLEANUP CREW IN ROUTE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 440**

**MANHOLE 60281**

EAST 77TH ST/YORK AVE

NEW YORK, NY

**Spill Number: 9811865**

**Close Date: 11/04/2003**

TT-Id: 520A-0090-999

#### MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2439 feet to the NNE

#### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: JOE DEVOTI  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: MR CURTIS  
 Caller Agency: CON EDISON  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone: (212) 338-3352  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/21/1998 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

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Caller Remarks:

contained – clean up has not begun – spill 122069.

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## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
E2MIS 122069

If this is a Con Edison manhole it contains electrical cable and splices. Many manholes have a sealed sump in the floor which is used to allow runoff when pumping the structure. A hose is place in this sump and water on the floor will flow into the sump allowing the floor to be cleaned. If cleaned prior to analysis of the fluid, the structure will be cleaned as >50 PPM and all liquid and waste will be manifested accordingly. The structure will be double washed with a degreaser, i.e. Slix. All cleaning material and PPE will also be treated as >50. If any sludge is found within a manhole it is treated as lead contaminated and manifested accordingly. The spill identification tag will remain secured to the structure until the analysis is completed and if <500 PPM the signage will be removed. If the analysis is >499 PPM, a grid will be prepared for wipe testing the area. Until the analysis of the wipes are proven to be <10ugs/100cme2 all additional waste produced from the structure will be treated as the original analysis.

If this spill occurred in a transformer vault containing a sump pump and there was a possible release, the drainpipe trap will be dismantled to determine if oil was released. Sludge found in a vault, through historical analysis, has been determined not to contain lead.

12/21/98...08:57 J.MCCABE #06470 REPORTS:

EMP. J.PELZER# 06470 WORKING ON DEAD FDR-24M87. FOUND APPROX. 300 GALLONS WATER AND APPROX. 1GALLON OF UNKNOWN FLUID, POSSIBLY DIESEL FUEL.. UPON ENTERING M.H 60281 ,N/S E 77 ST. 137FT. W/O YORK AVE.

SPILL IS CONTAINED IT DID NOT ENTER ANY WATER WAYS AND DID NOT ENTER SEWER SYS.

2 SAMPLES TAKEN, TAG #17700 PLACED IN MH..

CLEANUP PENDING LAB RESULTS.

UNABLE TO VERIFI SEWER AND SUMP. CONNECTION

CIG DEVOTI #41187 NOTIFIED AT 10:43 HRS.

1 OF TWO LAB RESULTS 12/21/98...13:25 HRS...INCIDENT# 122069...LAB SEQ.#

98-14188...TEST-FLASH POINT <150 DEG.F

12/21/98 1659 HRS

RESULTS OF LAB ANALYSIS 98-14186: PCB: &lt;1.00 PPM. NO AROCLOR

NOTE: IN EVENT INVOLVED MATERIAL SCREEN CORRECT DATE FOR SUBSTANCE FIELD SHOULD BE 12/21/98.

12-29-98 15:55

Cleanup completed on 12-23-98 at 1400 hours, supervised by M.Davis 80932. Correct flash point is >150 Deg.F 98-14188-001. 350 gallons oily water removed via

tanker, mh was then flushed. PCB<1PPM. 4-plastic bags non-hazardous waste generated. Tag 17700 removed. Crew: A.Pizarro 14791 and S.Taitt 08934.

**Map Identification Number 441**

**CURB VALVE -**  
1265 3RD AVE

MANHATTAN, NY

**Spill Number: 9905728****Close Date: 02/22/2002**

TT-Id: 520A-0099-309

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2456 feet to the NNW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Local Agency  
Caller Name: BILL MURPHY  
DEC Investigator: CAENGELH

Spiller: UNKNOWN - UNKNOWN  
Notifier Name: BILL MURPHY  
Caller Agency: CON EDISON  
Contact for more spill info: BHILL MURPHY

Spiller Phone:  
Notifier Phone: (212) 580-6763  
Caller Phone: (212) 580-6763  
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/12/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

1 GAL UNK OIL IN A GAS CURB VALVE

CON ED#127187 –CLEAN UP CREW ON SCENE– VALVE BOX HAS POSS.ACCESS

TO SOIL – ONLY CLEAN UP WAS MATERIAL OUT OF BOX AT THIS TIME

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

**Map Identification Number 442**      **APARTMENT HOUSE**



203 E. 72ND ST

MANHATTAN, NY

**Spill Number: 9712817**

**Close Date: 02/17/1998**

TT-Id: 520A-0099-308

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2456 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Responsible Party

Caller Name: NICK PASCAL

DEC Investigator: KSTANG

Spiller: ABOVE CALLER

Notifier Name: EROL YAVAC

Caller Agency: HESS

Contact for more spill info: ABOVE CALLER

Spiller Phone:

Notifier Phone:

Caller Phone: (201) 489-5100

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/17/1998 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 5.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

spill to ground – unk cause as of yet – spill contained cleanup crew notified

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"

**Map Identification Number 443****MANHOLE 59970**

EAST 72ND ST AT 3RD AVE

MANHATTAN, NY

**Spill Number: 0302659****Close Date: 03/28/2005**

TT-Id: 520A-0090-806

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2476 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: EAST 72ND ST / 3RD AVE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: LARRY COSTA

DEC Investigator: JHOCONNE

Spiller:

Notifier Name:

Caller Agency: CON EDISON

Contact for more spill info: LARRY COSTA

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/12/2003 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 10.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

10 gal of unk type oil found on 1500 gal of water – con ed spill#

148707 -- clean up pending samples

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"

E2MIS 148707

On June 12, 2003, N. Russell splicer, 16232 of Transmission Operations discovered approx. 10 gallons of unknown oil and approx. 1500 gallons of water. All substance contained in manhole. Source/cause of spill is unknown. Chem Lab will be notified to take samples. No sewer, waterway or private property affected.



## CLEANUP CHECKLIST

Incident No.: 148707

Cleanup Activities: REMOVED/RECOVERED LIQUID/SOLIDS, REMOVED VISIBLE TRACES OF OIL, WASHED STAINED AREAS

Name of contractor: CLEAN HARBORS

Cleanup completed on: 05-14-03

## Samples Results

Lab Seq No.: 03-04914-001

Total PCB &lt;1 ppm

## Map Identification Number 444



## MANHOLE #59970

E 72ND ST/3RD AVE

MANHATTAN, NY

## Spill Number: 0107984

## Close Date: 02/08/2002

TT-Id: 520A-0090-098

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2476 feet to the NNW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: BILL MURPHY  
 DEC Investigator: AERODRIG

Spiller: UNKNOWN  
 Notifier Name: MS WILLIAMS  
 Caller Agency: CON ED  
 Contact for more spill info: BILL MURPHY

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 11/06/2001 |                     | UNKNOWN        | NO                      |  | NO                  |  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 2.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION ON TOP OF 12,000 GALLONS OF WATER. SAMPLE TO BE TAKEN AND CLEANUP IS PENDING TEST RESULTS. CON ED # 140131.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"  
CON ED E2MIS #140131 NOTES

11/6/2001: JOSEPH BROWNE REPORTS FINDING 2 GALLONS OF OIL ON 1200 GALLONS OF WATER IN MANHOLE 59970. THE SPILL IS CONTAINED TO THE MANHOLE. THE CAUSE OF THE SPILL IS UNKNOWN.

LSN 01-10710-001 <1PPM PCB

NO LEAK FOUND. CONTAINED IN MANHOLE. REMOVED LIQUIDS AND SOLIDS FROM STRUCTURE. DOUBLE WASHED MANHOLE.

**Map Identification Number 445****RAVENSWOOD TURBINE SITE**

VERNON BLVD

LONG ISLAND CITY, NY

**Spill Number: 9913091**

**Close Date: 05/12/2005**

TT-Id: 520A-0132-914

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING - LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: Responsible Party  
Caller Name: BART POLIZZOTTI  
DEC Investigator: RWAUSTIN

Spiller: BART - KEY SPAN  
Notifier Name: EMPLOYEE  
Caller Agency: KEY SPAN ENERGY  
Contact for more spill info:

Spiller Phone:  
Notifier Phone:  
Caller Phone: (516) 545-5511  
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/17/2000 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| KEROSENE         | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

**Caller Remarks:**

UNK QTY (STAIN) SPILLED ONTO BLUESTONE - CLEAN UP RESPONDING (CLEAN HARBORS)

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

5/12/04 – Austin – Transferred from O'Connell – minor spill on gravel – closed – end

**Map Identification Number 446****RAVENSWOOD POWER STATION**

3854 VERNON BLVD

QUEENS, NY

**Spill Number: 9912033****Close Date: 03/27/2003**

TT-Id: 520A-0132-765

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Affected Persons

Caller Name: FRANK BERDRAND

DEC Investigator: JHOCONNE

Spiller: KEYSpan ENERGY

Notifier Name: PAT MCHUGH

Caller Agency: KEYSpan ENERGY

Contact for more spill info: FRANK BERDRAND

Spiller Phone: (516) 545-4125

Notifier Phone: (718) 706-2753

Caller Phone: (516) 545-4007

Contact Person Phone: (516) 545-4007

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/18/2000 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 50.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

DURING TEST DRILLING ABOVE MATERIAL DISCOVERED. TEST WAS STOPPED.

DEC ON SITE. FOR ADDITIONAL INFO CONTACT DOMINICK DEGEORGIO

@ 718-706-2707.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

1/18/00: During trenching operation to locate former MGP structures, contractor encountered free product at about 5' below grade.

Possible leak from No. 1 pipeline (Astoria to Ravenswood) related to pressure spike on 9/3/98. Called Barry Korman (Con Ed Steam Ops). He indicated line had been filled with #2 oil, then low-pour #6 oil. He will check with Con Ed legal to see who retains

responsibility for the line (property belongs to KeySpan).

1/19/00: Barry Korman called back – he spoke with Peter Thurlow (CE legal). KeySpan owns that portion of the pipeline on their property and all associate contamination. According to Korman, the person in charge at Con Ed was Sal Bacuzzi – pressure was increased from valve at street towards Astoria. There was no pressure spike from the valve box to Ravenswood. Pipeline was cut and capped just inside Ravenswood property boundary.

1/19/00, 10:14 AM: called Pat Van Rossem (KeySpan) – told him that Con Ed interprets contract to read contamination is KeySpan's problem. Pat has checked drawings – there is also a pipeline to 74th St. Generating Station in that area that is still active. I asked him to check with 74th Street – have they experienced a pressure drop? Is there any way of detecting a leak on the active line? His drawings also show that the Astoria pipeline is encased in concrete in the area of the trench.

3/27/03: CLOSE OUT – TRACK UNDER SPILL # 0108018 (JHO)

#### Map Identification Number 447



#### KEYSPAN

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9912004

Close Date: 01/19/2000

TT-Id: 520A-0132-764

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Fire Department

Caller Name: FIREFIGHTER HACK

DEC Investigator: SACCACIO

Spiller: TOM SMITH – KEYSPAN

Notifier Name: FD DISPATCHER

Caller Agency: HAZMAT 1

Contact for more spill info: TOM SMITH

Spiller Phone: (718) 706-2791

Notifier Phone:

Caller Phone: (917) 769-0483

Contact Person Phone: (718) 706-2791

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 01/17/2000       |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| KEROSENE         | PETROLEUM           | 100.00           | GALLONS                 | 0.00               | GALLONS             | SOIL                 |

#### Caller Remarks:

unk – poss broken pipe underground – fd responded – keyspan will make own arrangements for cleanup.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SACCACIO/O'CONNELL"  
Duplicate of spill #9912003.

## Map Identification Number 448



## RAVENSWOOD GAS TURBINE

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9910095

Close Date: 12/13/1999

TT-Id: 520A-0132-772

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Federal Government  
Caller Name: MIKE BRESCIO  
DEC Investigator: JHOCONNE

Spiller: UNKNOWN - UNKNOWN  
Notifier Name: NRC  
Caller Agency: US EPA  
Contact for more spill info: CARL WILLIAMS

Spiller Phone:  
Notifier Phone: (800) 424-8802  
Caller Phone: (732) 321-6664  
Contact Person Phone: (516) 545-4007

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/19/1999 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

## Caller Remarks:

CALLER STATES THAT A WELL #GT-MW9 WAS FOUND DURING AN EXCAVATION AND THE WELL CONTAINS UNK MATERIALS - REPORTED TO NRC BY KEYSAN  
EMPLOYEE

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
Duplicate report of 9910096

**Map Identification Number 449****MANHOLE 16287**

3854 VERNON BLVD

QUEENS, NY

**Spill Number: 9909278****Close Date: 12/21/1999**

TT-Id: 520A-0132-771

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name: MARK SCHLAGEL

DEC Investigator: JHOCONNE

Spiller: UNKNOWN

Notifier Name: MR WAYNEWRIGHT

Caller Agency: CON EDISON

Contact for more spill info: MARK SCHLAGEL

Spiller Phone:

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/30/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

**Caller Remarks:**

1/2 PT IN MANHOLE ON 600 GALS OF WATER. CLEAN UP PENDING LAB RESULTS. CON ED 128-765

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

Con ed e2mis notes:

While on location to loop ends on feeder IQ95, 1/2 pint unknown oil on approx. 600 gal water in MH-16287. Liquid sample taken.

Lab Seq# 99-11464 results<1.00 ppm. Clean up done on 11/4/99 by A.Vallone & Mike Knox, env. ops mechanics. Clean up 100% tag left in place for splicers. MH in near main gate in ravenswood SS. Cleanup completed at 1415hrs, 11/13/99, D.Herbst 27461. Incident is closed.

s

**Map Identification Number 450****MANHOLE 16422**

VERNON SUB. 3854 VERNON B

QUEENS, NY

**Spill Number: 9908924****Close Date: 03/31/2005**

TT-Id: 520A-0130-547

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: MARK SCHLAGEL  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN – UNKNOWN  
 Notifier Name: MR THORNTON  
 Caller Agency: CON EDISON  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/22/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

4 oz unk oil on 100 gal of water in manhole – samples taken and

clean up pending results – con ed 128586

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

Con Ed e2mis #128586:

10/22/99 1105hrs

Substation operator reports finding 4oz unknown oil on top of 100gal water in station MH16422 while telephone company employees were going into it to do work. MH has only telephone cables in it. Appears to be contained at this time. Cleanup pending oil sample results.

4/19/00 1130hrs

Oil in manhole non-detect for PCB as per LSN 00-03407. Bklyn/Qns Environmental Operations will respond to pump out manhole.

UPDATE 02/9/04 1530 Hours

This is a returned closeout request from the NYSDEC. BKLYN/QNS Env Ops responded to the incident on 4/20/04. The hole was pumped out, double washed and waste removed by a vactor on 4/20/00 and cleaned up complete at 1600 hours. Bklyn/Qns Env Ops estimates that between 200–300 gallons of water was removed. There is no repair associated with this manhole since it was found in a telephone company manhole with no Con Ed equipment associated with it.

**Map Identification Number 451**
**RAVENSWOOD POWER STA.**  
 RAVENSWOOD POWER STA.

LONG ISLAND CITY, NY

**Spill Number: 9906281**
**Close Date: 01/06/2000**  
 TT-Id: 520A-0132-912

## MAP LOCATION INFORMATION

 Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

 Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

 Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name: FRANK BERTRAND  
 DEC Investigator: CAENGELH

 Spiller: CALLER – RAVENSWOOD POWER STA.  
 Notifier Name:  
 Caller Agency: KEYSpan ENERGY  
 Contact for more spill info: CALLER

 Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (516) 545-4007  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/26/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| KEROSENE         | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |
| LUBE OIL         | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

## Caller Remarks:

caller reported spill of approx 500 gallons of mixture. unk how much of each. unk how it happened. cleanup not started.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

Spill occurred when O/W separator overflowed during storm event. Gross oil was cleaned by KeySpan. Bluestone then hot water washed. Portion of clay liner was replaced. See spill # 9913091.



**Map Identification Number 452****MANHOLE #16287**

38-54 VERNON BL

QUEENS, NY

**Spill Number: 9902302****Close Date: 07/19/1999**

TT-Id: 520A-0132-787

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: JOE DEVOTI  
 DEC Investigator: CAENGELH

Spiller: CALLER – CON ED  
 Notifier Name: MR DONATONE  
 Caller Agency: CON EDISON  
 Contact for more spill info: JOE DEVOTI

Spiller Phone:  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/30/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 600.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

600 gallons in a manhole – being tested and pumped out

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
 DEC INSPECTOR NOTES

6-01-99

ERT show

600gals. of water –mistake @ Ravenswood SS- PCB &lt;1ppm, water not oil

E-Miled Dom Digiorgio Ravenswood Env. Magt. for call back.

6-01-99 Dom Digiorgio

In MH, 600 gals. of water

2 MHs? if connected – feeder

? goes through both

Took two samples – 1.6ppm PCBs

Both manifested as hazardous

Source of PCBs unknown

#### Map Identification Number 453



#### MANHOLE #16286

38-54 VERNON BL

QUEENS, NY

Spill Number: 9902301

Close Date: 04/03/2002

TT-Id: 520A-0132-786

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Responsible Party  
Caller Name: JOE DEVOTI  
DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
Notifier Name: MR REIDY  
Caller Agency: CON EDISON  
Contact for more spill info: JOE DEVOTI

Spiller Phone:  
Notifier Phone:  
Caller Phone: (212) 580-6763  
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/30/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 500.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

#### Caller Remarks:

500 gallons of water in a manhole being treated 50 to 499 but appears to be just water – sample sent out and will be pumped into tanker

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
CON ED E2MIS NOTES 6-01-99

Found 500 gals. unknown liquid in hole. Treating as 50-499 due to feeder outage. No sewers or waterways affected. Tag #20500 installed.

5-30-99 0531hrs.

Original incident report was input wrong. Shift Mgr. Artie Patterson, ravenwood gave Mr. Jacobi flush supervisor and B/Q shift Mgr. J. McBride misleading information that at 0303am no incident report as needed as per environmental mgr. Dominici DeGeorgio. Hole was then pumped out at 0345am. D. Georgio arrived on location and called ERT, they were then told to make out incident. Sample was taken from water remained in the hole.

Lab Seq#99-05609 6ppm

UPDATE - 6/10/99 - ENVIR OPS SUPV R. HUTCHINSON REPORTS CLEANUP COMPLETE AND ENV TAG # 20500 REMOVED.

## Map Identification Number 454



**RAVENSWOOD GENERATING ST**  
38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9902007**

**Close Date: 07/20/1999**  
TT-Id: 520A-0132-784

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Responsible Party  
Caller Name: STEVE CRIBBIN  
DEC Investigator: JHOCORNE

Spiller: STEVE CRIBBIN - RAVENSWOOD GENERATING ST  
Notifier Name: MRS ORTIZ  
Caller Agency: CON ED  
Contact for more spill info: STEVE CRIBBIN

Spiller Phone: (212) 580-6763  
Notifier Phone: (718) 579-1413  
Caller Phone: (212) 580-6763  
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/21/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

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Caller Remarks:

oil water mixture coming up through the manhole cover they are investigating cause – containing with pads and collars

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## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

DEC Inspector notes:

5/21/99: Called Don DiGiorgio @ 12:15pm, he said he would get update and call me back on cell phone. 2:10pm: paged DiGiorgio, he called me back and said John Mitchell (undergrnd trans) was dispatching a crew. It is a feeder manhole.

John Mitchell, U.T. (718) 204-4485

John Hegerty (212) 580-5420

E2mis # 125-023

John Mitchell, 2:15pm: manhole 16430 found oily water coming through manhole cover. May be pooled over manhole cover which is in low area of parking lot. Sheen being cleaned with diapers. Accd to Fred Heymach, transmission ops the manhole fills with water when it rains. Sheen floated to top (manhole has vented cover). No sample taken cleaned with diapers.

445pm: call communication for update: Bill Murphy; spill actually a feeder manhole (#125-023 con ed #), cleanup @1400 hrs. Sheen cleaned from manhole and around manhole.

Con ed e2mis notes:

Found oily water coming through the top of the manhole.

Cleanup completed on date: 05-21-99, Time\*:14:00

**Map Identification Number 455****RAVENSWOOD GEN STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9901825**

**Close Date: 07/25/2006**

TT-Id: 520A-0132-783

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name: BILL MURPHY  
 DEC Investigator: JHOCONNE

Spiller: CON EDISON  
 Notifier Name: MCHUGH  
 Caller Agency: CON EDISON  
 Contact for more spill info: CALLER

Spiller Phone: (212) 580-6763  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/17/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

#### Caller Remarks:

4 OUNCES OF UNK OIL IN AN EXCAVATION – NEAR EAST WALL AT 38TH AVE GATE – SAMPLE TO BE TAKEN – CLEANUP IN PROGRESS

5/25/99 – met with Georgia Fairweather (Con ed Const. Mgmt) – excavation is on generating station property near 38th St. gate for installation of metering equipment. they encountered some contaminated soil. Soil was drummed, sampled for disposal. No sample was taken for oil ID. The excavation is plated over until Tues. 6/1, when excavation will be completed. I requested Chem Lab to be on-site at that time to collect sample for oil ID. (JHO)

6/1/99, 1:45 PM – met at site with G. Fairweather. She said Chem Lab had been on site earlier but didn't collect samples because they didn't know what parameters they were analyzing for. Will call Pat Keelan to confirm oil ID analysis. (JHO)

7/28/99: sample results e-mailed to me by ERTs.

7/25/06 – cross-reference to spill no. 9411975 and 0504119. Close out. (JHO)

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

5/21/99 spoke with Dominick DiGiorgio, Con Ed Env. Manager. He believes samples were only collected for TPH, PCB and TCLP hazardous waste determination. Excavation is plated, but not backfilled. Called ERT and requested copy of e2mis report. (JHO)

5/25/99 on site with Georgia Fairweather, Construction manager. Excavation is on generating station property near 38th Avenue gate for installation of water metering equipment. They encountered some contaminated soil. Soil was drummed, and sampled for disposal. No sample was taken for oil ID. Excavation is plated over until Tues 6/1, when excavation will be completed. They will

arrange for Chem Lab to be on site to collect sample for oil ID. (JHO)

6/1/99, 1:45 pm – on site. Met with G. Fairweather, who said that Chem Lab tech had been on site earlier, but didn't collect sample because they didn't know what parameters they were analyzing for. Have to call Pat Keelan at Chem Lab to confirm oil ID analysis. (JHO)

7/21/99: e-mail to ERTS requesting lab results. (JHO)

7/28/99 – results received for TCLP waste characterization only. (JHO)

9/1/99 – second e-mail request to ERTs:

"Following requests were originally made on 7/21/99:

1. Con Ed #124-930, DEC #9901825, 5/17/99 – Ravenswood Generating Station. During excavation for installation of new metering for the divestiture contaminated soil was discovered along the east wall of the complex near the 38th Ave. entrance gate. The Department requested samples for oil ID. Have samples been collected for analysis? Specify the sampled medium and the analysis being performed. If analyses are complete, please forward results and an updated e2MIS report." (JHO)

9/2/99 – response from Pat Keelan and ERTs that "oil ID analysis was not requested and arrangements were never made to have the samples taken for ID. If the material is still there we can take the samples anytime." (JHO)

11/7/99 – following additional requests for clarification from Con Ed, received the following e-mail from Dave Perez (Con Ed ERT): "The oil ID analysis was never requested by Ravenswood station and therefore it was never performed by the Chem Lab. This was indicated in Pat Keelan's [e-mail]....dated September 2, 1999. Your first request for information, received on July 21, 1999 arrived subsequent to the sale of the station. The closing date of the sale was July 18, 1999. Even if the material is still present on the site, since this is no longer Con Edison property, we cannot get a sample. I apologize for the initial confusion, for the delayed response and any inconvenience this may have caused..." (JHO)

7/26/06 – close out and cross-reference to spill #'s 9411975 and 0504119. (JHO)

**Map Identification Number 456****RAVENSWOOD GEN STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9815098****Close Date: 08/08/2000**

TT-Id: 520A-0132-886

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: CAENGELH

Spiller: CON EDISON

Notifier Name: TORES

Caller Agency: CON EDISON

Contact for more spill info: RICHARD ROACH

Spiller Phone: (212) 580-6763

Notifier Phone:

Caller Phone: (212) 580-6764

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/21/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SURFACE WATER        |

Caller Remarks:

UNK QTY COMING OUT OF THEIR DISCHARGE INTO THE RIVER

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
Being tracked under spill # 9900155.

**Map Identification Number 457**



**RAVENWOODS GENERATING**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9814890**

**Close Date: 03/26/1999**

TT-Id: 520A-0132-885

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: BILL MURPHY

DEC Investigator: CAENGELH

Spiller: CALLER – CON ED

Notifier Name: MR PATTESON

Caller Agency: CON EDISON

Contact for more spill info: BILL MURPHY

Spiller Phone: (212) 580-6763

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/15/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

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Caller Remarks:

INCIDENT WAS REPORTED YESTERDAY, OIL WAS COMING OUT OF A DISCHARGE TUNNEL, DEC 9814835. AREA WAS BOOMED. SLIGHT SHEEN NOW AROUND THE BOOMS.

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
UPDATE TO 9814835

**Map Identification Number 458**



**RAVENSWOOD GEN STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9814835**

**Close Date: 08/08/2000**

TT-Id: 520A-0132-883

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: CAENGELH

Spiller: CON EDISON

Notifier Name: WALLER

Caller Agency: CON EDISON

Contact for more spill info: WALLER

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6764

Contact Person Phone:

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Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/14/1999 |                     | UNKNOWN        | NO                      | NO                  |

---

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SURFACE WATER        |

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## Caller Remarks:

SHEEN FORMING AWAY FROM THE PLANT – 3' WIDE

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
Being tracked under spill # 9900155.

## Map Identification Number 459



## RAVENSWOOD GENERATING STA

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9813535

Close Date: 05/19/2000

TT-Id: 520A-0132-882

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: JOE DIVOTI

DEC Investigator: JHOCONNE

Spiller: JOE DIVOTI – RAVENSWOOD GENERATING STA

Notifier Name: JOE DIVOTI

Caller Agency: CON ED

Contact for more spill info: JOE DIVOTI

Spiller Phone: (212) 580-6763

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/04/1999 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 8.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

VENT VALVE WAS ACCIDENTALLY LEFT OPEN WHICH CAUSED SPILL ONTO

CONCRETE FLOOR–CLEAN UP IN PROGRESS. CON ED #122861

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
Con ed e2mis notes:

At 15:25 hrs, while starting up #30 turbine trip header oil flush eight gallons of turbine oil spilled onto the concrete floor. The vent vlve was found open allowing oil to vent out from the filter. The vent valve was closed and cleanup started. None of tghe oil entered the trenchd or any storm drains. The type of oil that spilled was turbine oil, CEVG 32. At 17:10 oil spill cleanup was completed.

**Map Identification Number 460****RAVENSWOOD GEN STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9812619****Close Date: 07/10/2000**

TT-Id: 520A-0132-881

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: BILL MURPHY

DEC Investigator: JHOCONNE

Spiller: CALLER – CON ED

Notifier Name: BILL MURPHY

Caller Agency: CON EDISON

Contact for more spill info: BILL MURPHY

Spiller Phone: (212) 580-6763

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 01/12/1999       |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| LUBE OIL         | PETROLEUM           | 10.00            | GALLONS                 | 0.00               | GALLONS             | SURFACE WATER        |

**Caller Remarks:**

CON ED # ??? FAILURE OF 1-2 LP SERVICE WATER PUMP OIL ENTERED A STORM DRAIN WHICH RUNS TO DISCHARGE CANNAL WHICH RUNS TO EAST RIVER BOOM HAS BEEN PLACED THEY WILL BE CHECKING TO SEE IF BOOM IS INPLACE AND MATERIAL HAS BEEN CONTAINED

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

Con Ed e2MIS notes: 1-2 low pressure saltwater service pump leaked approximately 10 gallons of lube oil onto concrete floor and

down into a storm drain which discharges to the stations discharge tunnel. Pads were put down and the storm sewer drain was blocked off. Storm drain clean up was started at the pump. Soft boom and hard boom permanently deployed at station outfall. No sheen was seen in discharge tunnel. Clean up was completed 0001 hrs 1/13/98.

**Map Identification Number 461****RAVENSWOOD GEN. STATION**

3854 VERNON BLVD

QUEENS, NY

**Spill Number: 9812437****Close Date: 08/18/2009**

TT-Id: 520A-0132-895

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: RICHARD ROACHE  
 DEC Investigator: JMKRIMGO

Spiller: CON EDISON  
 Notifier Name: TORRES  
 Caller Agency: CON ED  
 Contact for more spill info: RICHARD ROACHE

Spiller Phone:  
 Notifier Phone: (212) 580-6764  
 Caller Phone: (212) 580-6764  
 Contact Person Phone: (212) 580-6764

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/07/1999 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

**Caller Remarks:**

UNKNOWN BLACK SOLID – 2 CUBIC FEET – CLEAN UP WAITING TEST RESULTS – CON ED REF #122308

**DEC Investigator Remarks:**

08/18/09 – See eDocs for Con Ed report detailing cleanup and closure.

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**Map Identification Number 462****RAVENSWOOD GAS TURBINE**

40TH AVE &amp; VERNON BLVD

QUEENS, NY

**Spill Number: 9811724****Close Date: 08/07/2000**

TT-Id: 520A-0132-875

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: ERNIE ROWLAND

DEC Investigator: CAENGELH

Spiller: CON ED

Notifier Name: MR MCNULTY

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/17/1998 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled           | Material Class     | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|----------------------------|--------------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN HAZARDOUS MATERIAL | HAZARDOUS MATERIAL | 0                | GALLONS | 0                  | GALLONS | SEWER                |

**Caller Remarks:**

CALLER REPORTING DISCHARGE FROM SUMP PIT WENT INTO CITY SEWERS. AFTER BEING TESTED, POSITIVE RESULTS FROM PCB'S WERE FOUND.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

**DEC Notes:**

PIT HAS OPENED BOTTOM; SAMPLE TAKEN. DEP ON SITE FOUND CONNECTION TO SEWER IN SUMP .74 PPB- PCB'S (MAY BE SEDIMENT), SEWER LIMIT IS .1 PPB. AREA ROPED OFF DRUM WILL BE SET UP TO ACCUMULATE WATER & TREAT AS HAZARDOUS.

e2mis no. 122-005:

Sump pit and corresponding pump exists in the tool room which discharges to NYC sanitary sewer. Review has determined that the pit has an open bottom and fills with both rain water that enters the tool room from under a roll-up door and groundwater. Sample was taken to determine if the water meets NYC sewer limits.

12/17/98 PCB results received 0.74 ppb, limit is 0.1 ppb. Area roped off and power to the pump disconnected. A drum will be set

up to accumulate and will be handled as PCB. No auto pumping will be done. Amount of water pumped is unknown, sump pump has been in place for more than 10 years. NYCDEP rep Carlos Twano on site to view location of sump pit. He was given a copy of the analysis results showing 0.74 ppb of PCBs. Mr. Twano indicated that he didn't feel the results are a problem since they are less than 1 ppm, but that he would check with his supervisor.

1/7/99: Updated results received on a new sample indicating 0.31 ppb of PCBs and 3.4 ppm TPH. Requesting clean up contractor to clean the sump pit area since there might be contamination of the concrete.

1/15/99: Faxed all analyses results to Twano of the NYCDEP as requested. No further action requested.

**Map Identification Number 463****RAVENSWOODS GENERATING**

3854 VERNON BLVD

QUEENS, NY

**Spill Number: 9809116****Close Date: 07/10/2000**

TT-Id: 520A-0132-890

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
Notifier Type: Affected Persons  
Caller Name: BILL MURPHY  
DEC Investigator: CAENGELH

Spiller: CON ED  
Notifier Name: MR MCQUE  
Caller Agency: CON EDISON  
Contact for more spill info: BILL MURPHEY

Spiller Phone:  
Notifier Phone:  
Caller Phone: (212) 580-6763  
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/21/1998 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

MATERIAL FOUND IN MANHOLE 120699

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

Con Ed e2MIS notes: Oil sheen approximately 1 gallon in manhole in employee parking lot. Underground transmissions contacted and manhole cleaned within one week.

**Map Identification Number 464****RAVENSWOODS GAS TURBINES**

37TH AVE AND VERNON BLVD

QUEENS, NY

**Spill Number: 9808960****Close Date: 11/18/2002**

TT-Id: 520A-0132-878

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Affected Persons

Caller Name: BILL MURPHY

DEC Investigator: CAENGELH

Spiller: UNKNOWN

Notifier Name: MR MCNULTY

Caller Agency: CON EDISON

Contact for more spill info: BILL MURPHY

Spiller Phone:

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/19/1998 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

approx 1/2 gallon of unk petroleum found in excavation at above location. samples have been taken. no cleanup as of yet. #11 dump tank excavation con ed spill # 120612.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

11/18/02: Based on the information presented in KeySpan's Site Investigation Report dated May 2002, prepared by Foster Wheeler Environmental, this spill has been closed. (JHO)

**Map Identification Number 465****RAVENSWOOD GAS TURBINE SI**

37TH AV / VERNON BLVD

QUEENS, NY

**Spill Number: 9808959****Close Date: 11/18/2002**

TT-Id: 520A-0132-877

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: BILL MURPHY  
 DEC Investigator: CAENGELH

Spiller: CON ED  
 Notifier Name: MCNULTY  
 Caller Agency: CON EDISON  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 10/19/1998        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 1.00                    | GALLONS | 0.00                | GALLONS | GROUNDWATER          |

**Caller Remarks:**

12' X 12' X 10' EXCAVATION FROM REMOVAL OF #9 DUMP TANK – CASE #120610

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
 11/18/02: Based on the information presented in KeySpan's Site

Investigation Report dated May 2002, prepared by Foster Wheeler

Environmental, this spill has been closed. (JHO)

**Map Identification Number 466****RAVENSWOOD PLANT**

40TH ST AND VERNON BLVD

QUEENS, NY

**Spill Number: 9808873****Close Date: 11/18/2002**

TT-Id: 520A-0132-876

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: JOE DEVOTI

DEC Investigator: CAENGELH

Spiller: CON EDISON

Notifier Name: MR CADMUS

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 10/16/1998        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | GROUNDWATER          |

**Caller Remarks:**

CON EDISON#120572. CLEAN UP HAS ALREADY BEEN DONE.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

10/16/98, 1447 hrs: GT #8 oily sheen. (CAE)

10/21/98, 1644 hrs: Mike Cesare, Con Ed CIG – excavation at GT #8 originally reported as sheen, then on 10/19 updated to 10 gallons, today upgraded to 15 gallons. (CAE)

11/18/02: Based on the information presented in KeySpan's Site Investigation Report dated May 2002, prepared by Foster Wheeler Environmental, this spill has been closed. (JHO)



**Map Identification Number 467****RAVENSWOOD PLANT**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9808510****Close Date: 08/07/2000**

TT-Id: 520A-0132-911

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: JOE DEVOTI

DEC Investigator: CAENGELH

Spiller:

Notifier Name: HAHN

Caller Agency: CON EDISON

Contact for more spill info: HAHN

Spiller Phone:

Notifier Phone: (718) 706-2753

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 10/09/1998        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
|                   |                     |                |                         |         |                     |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |

**Caller Remarks:**

unk discharge from the plant – goes from lemon creek into the east river – deploying soft booms and contractor has been contacted – 4'

x5' sheen

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

STEAM PIPE BACKED OUT OIL BETWEEN LEMON CREEK AND BULKHEAD – 1 HR. RESPONDER BOAT ON WAY @ 7:50AM. SPILL IS CONTAINED WITHIN THAT AREA – 6 OZ. OF PRODUCT. – FAXED REPORT TO COAST GUARD

**Map Identification Number 468****RAVENSWOOD GS**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9807728****Close Date: 04/08/2008**

TT-Id: 520A-0132-910

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: MIKE CESARE

DEC Investigator: JHOCONNE

Spiller: MIKE CESARE – CON ED

Notifier Name: MR TORRES

Caller Agency: CON EDISON

Contact for more spill info: MIKE CESARE

Spiller Phone: (212) 580-6763

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/24/1998 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 300.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

STILL UNDER INVESTIGATION

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**DEC Notes:**

9/24/98 1441hrs

ERT Bernice Jones– 300gal into moat. Used oil coming from fans inside the plant. Notes in field book. (CAE)

9/25/98 1855hrs

ERT Dave Perez– found hole in tank. Oil spilled in moat. (CAE)

9/23/98 Notes from Chris Engelhardt's field book: On location at 1505hrs. Ravenswood Generating Station. Wayne McKinley–Operations Manager (718) 706-2706. Dave Torres–General Watch Supervisor (718) 706-2753.

Oil discovered in moat today by workers checking vibration on fans (Mr Robert Bishop (718-706-2748)). Source unknown. Tanks don't appear to be leaking but could be leaking at very bottom that can't been seen due to angle. Tanks hold oil waste lube oil from operating equipment (fans, auxiliary equipment) 2gal-5gal per bearing. The oil is drained into carts which is drained into tanks before disposing of oil. Normal procedure to check oil for PCBs before disposal.

Inspected tank and surrounding area. Oil had greenish hue. Observed green salts on top of NW tank and on some of piping above the tank. This comes from when they wash the air preheater for combustion. They do the washes with city water. No oil was observed on top of tank or on adjacent walls or on nearby equipment. Went to next level above tank. Saw no splattered oil. Only equipment that leaked oily was pump which sits in moat. This pump is innactive and used to pump oil to boilers to burn. Sampled oil. Instructed him to send to outside lab. OK to split.

Called Clean Venture at 3:00. Expect to be on scene by 5:00. Will treat as hazardous and store on site until results return. (CAE)

3/5/03: transferred from Engelhardt to O'Connell.

4/8/08: review of e2mis report shows that source was leak from tank at cradle. Repaired prior to sale of facility to KeySpan. Close. (JHO)

**Map Identification Number 469****RAVENSWOOD GAS TURBINES**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9807282****Close Date: 11/18/2002**

TT-Id: 520A-0132-908

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Affected Persons

Caller Name: FRANK MASSERIA

DEC Investigator: JHOCONNE

Spiller: CON ED

Notifier Name: FRANK MASSERIA

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/11/1998 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | GROUNDWATER          |

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Caller Remarks:TEST BORING BEING DONE. POSS OIL CONTAMINATION FOUND IN THE GROUND WATER. AMOUNT OF OIL AND WATER IS ABOUT 1 PINT  
-----

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
Test borings SP-2 and SP-3 at Gas Turbine site.

9/15/98: Contamination found while installing SP-2 and SP-3 borings downgradient of the kerosene tank, between the moat wall and gas turbine units. Dom DiGiorgio thinks it is same #6 oil seen approx. 50' down gradient during installation of oil-water separator unit (3/1/95 - spill # 9415584). On first day there was not enough oil to sample for ID, so they are taking sample today. DiGiorgio has a Sanborn map from 1939 which shows "#5" oil tanks in the vicinity of the oil-water separator.

- There are globs of oil in SP-3 - not enough to take a sample. I told Mariela Gonzalez to install a monitoring well to see if free product will collect in it.

- SP-2 - no oil. Ground water sample was collected on Friday for VOC, SVOC, PCB.

- SPW-1A they are down about 4 feet - hit cobbles. May try to extend 1 more foot before bringing in rig to install MW. Proposal is to extend edges of current boring (currently about 2' x 2') to allow for clearance (depth) of 5' to allow drilling. (JHO)

11/18/02: Close out - cross-ref spill # 0030035. (JHO)

**Map Identification Number 470****RAVENSWOOD GEN STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9806585****Close Date: 08/28/1998**

TT-Id: 520A-0132-905

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Affected Persons  
Caller Name: FRANK MASSERIA  
DEC Investigator: JHOCONNE

Spiller: CON ED  
Notifier Name: FRANK MASSERIA  
Caller Agency: CON EDISON  
Contact for more spill info:

Spiller Phone:  
Notifier Phone: (212) 580-6763  
Caller Phone: (212) 580-6763  
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/27/1998 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

Caller Remarks:

oil slick in a puddle in parking lot at above location approx

6oz involved spill to be cleaned by caller

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
Original spill occurred 12/7/94 (see spill # 9411975).

Map Identification Number 471



REAR OF RAVENSWOOD GEN.

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9714135

Close Date: 04/13/1998

TT-Id: 520A-0132-945

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Other  
Caller Name: MIKE CESARE  
DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
Notifier Name: MCINTOSH  
Caller Agency: CON EDISON  
Contact for more spill info: MIKE CESARE

Spiller Phone:  
Notifier Phone:  
Caller Phone: (212) 580-6763  
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 03/20/1998        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |

## Caller Remarks:

DIVER'S IN WATER BEHIND THE GENERATING STATION AND KICKED UP ABOUT A 1 FOOT SPILL OFF OF THE RIVER BOTTOM – CLEANED UP

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
Copy to water unit (Toumari). Close out.

## Map Identification Number 472



## EAST RIVER

38–54 VERNAN BLVD

NEW YORK, NY

Spill Number: 9713836

Close Date: 02/03/2003

TT-Id: 520A–0132–948

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Affected Persons  
Caller Name: MIKE CESARE  
DEC Investigator: CAENGELH

Spiller: UNK  
Notifier Name: MIKE CESARE  
Caller Agency: CON EDISON  
Contact for more spill info:

Spiller Phone:  
Notifier Phone: (212) 580–6763  
Caller Phone: (212) 580–6763  
Contact Person Phone:

Category: Investigation indicates there was no spill.  
Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 03/13/1998       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN MATERIAL |                     | OTHER          | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |

---

Caller Remarks:

200 foot sheen on east river in rear of above address

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## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
CALLED CON ED. SHEEN IS BOTH INSIDE AND OUTSIDE OF BOOM. S & D CALLED OUT, INSPECTED SHEEN DISIPATED.

3/26/98 phone conversation with East River Gen Station environmental manager Joe Moyik:

Checked all equipment could not find any leaks. Believe oil sheen to be burping up from river bottom.

E2MIS 115791

AT 17:46 OUR PIC AT DOCK NOTIFIED ME OF OIL SHEEN IN EAST RIVER BY BARGE B-10 AND LEMON CREEK. BARGE B-10 HAD ARRIVED AT 16:05 HOURS THE SAME DAY. CIG WAS NOTIFIED VIA EMERG PHONE OF OIL IN WATERWAY. OPAUTH WAS NOTIFIED AND S+D WAS DISPATCHED TO SITE WITH BOAT TO TRY AND LOCATE SOURCE OF OIL SHEEN. 18:32 S+D ARRIVED AND MADE A SURVEY OF AREA AND NO OIL SHEEN COULD BE FOUND AT OUR LOCATION OR SURROUNDING AREA'S. 19:00 S+D COMPLETED THEIR SURVEY. 19:15 TOM AVERY VISITED SITE (ERT) 19:46 COAST GUARD (MST) WARD ARRIVED AND INSPECTED SITE AND NO OIL FOUND.

**Map Identification Number 473****VERNON SUBSTATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9713616****Close Date: 04/13/1998**

TT-Id: 520A-0130-512

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: CAENGELH

Spiller: CON EDISON

Notifier Name: BRIAN

Caller Agency: CON ED

Contact for more spill info: RICHARD ROACH

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6764

Contact Person Phone: (212) 580-6764

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Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 03/09/1998       |                     | OTHER          | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| TRANSFORMER OIL  |                     | PETROLEUM      | 40.00                   | GALLONS | 0.00                | GALLONS | SOIL                 |

Caller Remarks:

FIRE BROKE OUT ON PT TRANSFORMER SPILLING TO BLUESTONE AND SOIL – TESTING NOW TO SEE WHETHER OR NOT IT IS PCB

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead DEC Field was "ENGELHARDT"  
 \*\*UPDATE PCB 131 PARTS PER MILLION\*\* PER STEVE ROMERO CON ED

3/16/98 – Engelhardt for follow-up visit

spill area about 210 ft x 30 ft. Con Ed has excavated several inches from this area plus about 2 feet from a 7 foot diameter area around the failed transformer. Spoke to Joe Susco (Env Eng. – substations – 718-830-7462) and Mike Bonanno )Station Manager – 718-204-4420). Told them to take some endpoint samples and showed them where to take them from.

3/24/98 – received endpoint sampling analyses. all results below 1 ppm Aroclor 1260 for soil , which was type of PCB in transformer.

E2MIS 115213

09-MAR-1998 @ 1105 HRS SUPV M.BONANNO #74907 REPORTS THAT OPERATOR A. ROTOLA #49961

FOUND ON SECT 5E "C" PHASE PT OIL LEAK DUE TO FAULT & FIRE.APPROXIMATELY 40 GALLONS. NON DEMINIMIS . HIT BLUESTONE.

CONTAINMENT TO BEGIN AFTER FIRE IS OUT AND EQUIPMENT IS ISOLATED. CHEM LAB REQUESTED FOR PCB COUNT.SHIFT MGR T.BRYAN

#95970 NOTIFIED.REPORT ENTERED BY E2MIS RHEIN #52639 . NO RELEASE TO SEWERS OR WATERWAYS.

ON 09-MAR-1998 18:45:00 CHEM. LAB. GAVE RESULTS ON

SAMPLES FOR OIL-POTHEAD BUS 5E AND THE RESULTS WERE 131 PPM

10-MAR-1999 11:15 DURING INSPECTION, SUPERVISOR MICHAEL BONANNO INDICATED AREA WHERE FIRE OCCURED AND THAT CLEANUP WAS



COMPLETED ON 09-MAR-1998 @ 19:00. HE ALSO SUPPLIED TEST RESULTS THAT INDICATE A PCB COUNT OF 131 PPM AS PER LSN 98-02590. THE PT WILL BE REPLACED, AND THERE IS NO CURRENT POTENTIAL FOR A LEAK SINCE ALL THE OIL WAS DRAINED.

**Map Identification Number 474****RAVENSWOOD GEN STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9711300****Close Date: 02/17/1998**

TT-Id: 520A-0132-940

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: MIKE CESARE

DEC Investigator: CAENGELH

Spiller: TIM SOILCH - CON EDISON

Notifier Name: MR MCQUEN

Caller Agency: CON EDISON

Contact for more spill info: MR MCQUEN

Spiller Phone: (212) 580-6764

Notifier Phone: (718) 706-2753

Caller Phone: (212) 580-6763

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 01/08/1998       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| LUBE OIL         |                     | PETROLEUM      | 1.00                    | GALLONS | 1.00                | GALLONS | GROUNDWATER          |

**Caller Remarks:**

drops of product into discharge tunnels booms are down already

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGLEHARDT"

**Map Identification Number 475** **LEMON CREEK BARGE**  
 38-50 VERNON BLVD

QUEENS, NY

**Spill Number: 9709887****Close Date: 12/08/1997**  
TT-Id: 520A-0133-003

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: WILLIAM MURPHY  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: MR WALLER  
 Caller Agency: CON ED  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone: (718) 706-2700  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/25/1997 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SURFACE WATER        |

## Caller Remarks:

boons are in place–oil asorbant pads fpound in river

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

11/25/97: Barge is permanently moored at Ravenswood Station. Responded to site with Brian Mitchell @ 3:15 PM. Also on site was Anthony Henry from DEP. According to Ray Cadmus (Environmental Engineer, Con Ed) Jerry Waller (shift supervisor) was doing a routine inspection and saw oil-soaked absorbent pads floating in the river near the barge. There was no source from the plant or the barge, according to Cadmus, as no work was being conducted on site that day. S&D Contractors arrived within 20 minutes and picked up pads. When we went to the dock, we saw no sheen or pads in water.

11/26/97: Bill Murphy from Con Ed called to confirm that S&D performed cleanup.

**Map Identification Number 476****RAVENSWOOD STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9706525****Close Date: 08/03/2000**

TT-Id: 520A-0132-952

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: FRANK MASSERIA

DEC Investigator: JHOCONNE

Spiller: CON ED

Notifier Name: SAME

Caller Agency: CON ED

Contact for more spill info: FRANK MASSERIA

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 08/29/1997       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN MATERIAL |                     | OTHER          | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |

**Caller Remarks:**

CON ED NEEDS TO SPEAK WITH REP TONIGHT. CON ED WANTS TO RUN PUMPS

AT RAVENSWOOD STATION. AND NEED TO GET PERMISSION FROM DEC..

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead DEC Field was "O'CONNELL"

9/2/97: SPOKE WITH TIBBE (PRIMARY) – SEAWATER USED TO COOL TURBINE HEADS. ONE OF HEADS SPRUNG A LEAK & FLOODED BASEMENT. TIBBE SPOKE WITH GLENN NEWELL (CON ED ERT), WHO SAID THERE WAS NO VISIBLE PRODUCT OR SHEEN, AND NO EXPECTED DISSOLVED CONTAMINATION, BUT CON ED NEEDS DEC PERMISSION TO PUMP OUT THE BASEMENT USING THE SUMP PUMPS. TIBBE TOLD THEM O.K., BUT GRAB A SAMPLE.

10/30/97: CALLED CON ED ERT TO FIND OUT RESULTS OF SAMPLE ANALYSIS. BERNICE JONES SAID THAT NO SAMPLE WAS TAKEN. SHE SAID THAT CON ED'S NOTES INDICATE THAT DEC REPRESENTATIVE TOLD THEM THEY DID NOT NEED A SAMPLE.

10/30/97: CALLED MARK TIBBE (OFF-HOURS RESPONDER) – HE SAID THAT HE DEFINITELY TOLD CON ED TO COLLECT A SAMPLE. HE WILL FAX HIS NOTES ON THE SPILL TO ME.

12/9/97: REFERRED TO BRIAN MITCHELL, DEC WATER UNIT FOR FOLLOW UP, POSSIBLE ENFORCEMENT.

**Map Identification Number 477****38-54 VERNON BLVD**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9704976****Close Date: 05/04/1998**

TT-Id: 520A-0132-956

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: CAENGELH

Spiller: MR WALLER - CON ED

Notifier Name: MR WALLER

Caller Agency: CON ED

Contact for more spill info: SAME FOR NOW

Spiller Phone: (718) 706-2700

Notifier Phone: (718) 706-2700

Caller Phone: (212) 580-6764

Contact Person Phone: (718) 706-2700

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/25/1997 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 4.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

they have a leak coming from a wall from an unknown source.unknown what the material is.the spill is 4 ounces so far.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

**CON ED E2MIS NOTES**

At Rainey Oil Farm, there is an existing crack that after heavy rains sometimes leaks water and a oily appearing substance. Estimate approx. 4oz. of this mixture contained on pads on concrete floor. Floor drain next to wall drains to "D" tunnel which pumps to oily water seperator at Rainey. If any oil drained into into drain line it would go to seperator before discharging to river.

Inspector was not notified at the time he visited the spill that the drain was hooked up to the internal system, so his notifications were made based on the storm sewers only. Oily water leaked through ...was caused by heavy rains raising the water table and any othe contaminants at the same time and leaked through the wall.

**Map Identification Number 478****RAVENSWOOD STEAM PLANT**

7-18 37TH AVE

QUEENS, NY

**Spill Number: 9703948****Close Date: 10/27/1997**

TT-Id: 520A-0132-957

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: FRANK MASSERIA

DEC Investigator: CAENGELH

Spiller: CON ED

Notifier Name: MR STEFFEL

Caller Agency: CON ED

Contact for more spill info: ABOVE

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 07/01/1997       |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| UNKNOWN MATERIAL | OTHER               | 100.00           | GALLONS                 | 0.00               | GALLONS             | SURFACE WATER        |

**Caller Remarks:**

UNKNOWN FLUID SPILL INTO EAST RIVER SPILL NOT CONTAINED SPILL IS STOPPED

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead DEC Field was "ENGELHARDT"

10/27/97 - UPDATE FROM GLENN NEWELL, CON ED ERT: DISCHARGE CAME FROM 18" DISCHARGE LINE ON CON ED PROPERTY. SAMPLE WAS COLLECTED BUT NOT ENOUGH TO ANALYZE. INVESTIGATION FOUND LEAKING VALVE ON BOILER ALLOWED DISCHARGE OF BOILER WATER. SAMPLE TESTED FOR pH - NO SPDES EXCEEDENCE.

**Map Identification Number 479****RAVENSWOOD SUB-STATION**

3854 VERNON BLVD

QUEENS, NY

**Spill Number: 9703847****Close Date: 10/27/1997**

TT-Id: 520A-0132-977

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Federal Government  
 Caller Name: LT REID  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: RICHARD ROACH  
 Caller Agency: US COAST GUARD  
 Contact for more spill info: RICHARD ROACH

Spiller Phone:  
 Notifier Phone: (212) 580-6764  
 Caller Phone: (718) 354-4121  
 Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 06/28/1997        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
|                   |                     |                |                         |         |                     |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead DEC Field was "O'CONNELL"  
 10/10/97: TRANSFERRED FROM TOMASELLO TO O'CONNELL.

10/27/97: UPDATE FROM GLENN NEWELL, CON ED ERT – 1'x1' OILY SHEEN CAME OUT OF NYC STORM SEWER. CON ED CALLED NRC AS A COURTESY, EVEN THOUGH SHEEN WAS NOT ORIGINATING FROM CON ED PROPERTY.

**Map Identification Number 480****RAVENSWOOD STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9703220****Close Date: 10/17/1997**

TT-Id: 520A-0132-929

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

|                                 |                                             |                                      |
|---------------------------------|---------------------------------------------|--------------------------------------|
| Source of Spill: UNKNOWN        | Spiller: UNKNOWN                            | Spiller Phone:                       |
| Notifier Type: Affected Persons | Notifier Name: LISA PRIMEGGIA               | Notifier Phone: (212) 580-6763       |
| Caller Name: LISA PRIMEGGIA     | Caller Agency: CON ED                       | Caller Phone: (212) 580-6763         |
| DEC Investigator: MCTIBBE       | Contact for more spill info: LISA PRIMEGGIA | Contact Person Phone: (212) 580-6763 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/13/1997 |                     | UNKNOWN        | NO                      | NO                  |

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| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 0                | GALLONS | 0                  | GALLONS | SURFACE WATER        |

Caller Remarks:

CON ED NOTICED A SHEEN IN THE EAST RIVER AT THEIR PLANT SITE

SHEEN IS 20 BY 30 FOOT

STORM DRAIN IS AREA – CLEAN UP CREW ON WAY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"

USCG WAS NOTIFIED. THICK BROWN OIL INSIDE OF CON ED's CONTAINMENT BOOM, BUT NOT THEIRS. MEG TO CLEAN BOOM. SPILL CLEANED BY CON ED.

Map Identification Number 481



**RAVENSWOOD STATION**  
38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9702440**

**Close Date: 10/10/1997**  
TT-Id: 520A-0132-927

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

|                   |                       |                              |                         |                       |                |
|-------------------|-----------------------|------------------------------|-------------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | TIM SOILCH – CON EDISON | Spiller Phone:        | (212) 580–6764 |
| Notifier Type:    | Responsible Party     | Notifier Name:               | MR NEWELL               | Notifier Phone:       | (212) 580–6763 |
| Caller Name:      | JOE DEVOTI            | Caller Agency:               | CONED                   | Caller Phone:         | (212) 580–6763 |
| DEC Investigator: | CAENGELH              | Contact for more spill info: | RICHARD ROACH           | Contact Person Phone: | (212) 580–6764 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 05/23/1997 |                     | UNKNOWN        | NO                      | NO                  |

|                  |                |                  |         |                    |         |                      |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| LUBE OIL         | PETROLEUM      | 6.00             | GALLONS | 6.00               | GALLONS | SOIL                 |

Caller Remarks:

PRODUCT SPILLED ON ROOF OF CON ED BLDG AND HAS BEEN CLEANED UP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

**Map Identification Number 482**



**RAVENSWOOD GENERATING STA**

38–54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9701545**

**Close Date: 10/10/1997**

TT-Id: 520A–0132–924

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: LISA PRIMEGGIA

DEC Investigator: KATZ

Spiller: TIM SOILCH – CON EDISON

Notifier Name: MR FOLEY

Caller Agency: CON ED

Contact for more spill info: LISA PRIMEGGIA

Spiller Phone: (212) 580–6764

Notifier Phone: ext. 050597

Caller Phone: (212) 580–6763

Contact Person Phone: (212) 580–6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency



| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 05/05/1997       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #6 FUEL OIL      |                     | PETROLEUM      | 1.00                    | GALLONS | 1.00                | GALLONS | SOIL                 |

## Caller Remarks:

8 ounces of #6 heating fuel was found on gravel in the roadway  
has been cleaned up

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

## Map Identification Number 483



## RAVENSWOOD GENERATING STA

40TH AVENUE &amp; VERNON BOUL

QUEENS, NY

Spill Number: 9614149

Close Date: 10/13/1998

TT-Id: 520A-0132-852

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: JHOCONNE

Spiller: RICHARD ROACH – CON EDISON

Notifier Name: MR KING

Caller Agency: CON EDISON

Contact for more spill info: MR KING

Spiller Phone: (212) 580-6763

Notifier Phone: (718) 706-2753

Caller Phone: (212) 580-6763

Contact Person Phone: (718) 706-2753

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 03/05/1997        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
|                   |                     |                |                         |         |                     |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |

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**Caller Remarks:**

FOUND SOME OIL DROPLETS IN DISCHARGE CANAL THAT LEADS TO EAST RIVER. HARD AND SOFT BOOMS IN PLACE. FURTHER INVESTIGATION TO FOLLOW.

---

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

3/5/97 (Katz notes): Mr. King – checked coolers, found no oil. Checked oil/water separator, found no oil. No more oil is discharging from canal. At 1230 hrs, S&D re-arranged the hard and soft booms. No oil is present at this time.

**Map Identification Number 484****RAVENSWOOD GENERATING**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9611994****Close Date: 01/08/1998**

TT-Id: 520A-0132-870

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: RICHARD ROACH

DEC Investigator: JHOCONNE

Spiller: CON ED

Notifier Name: MR FOLEY

Caller Agency: CON ED

Contact for more spill info: RICHARD ROACH

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6764

Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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| Spill Date        | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 01/05/1997        |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled  | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM           | 0                | GALLONS                 | 0                  | GALLONS             | SURFACE WATER        |

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**Caller Remarks:**

notifier found 6 ft by 4 ft sheen on water in discharge canal for generating plant / as of time of report sheen is gone – canal does dump into east river

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## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

1/05/97 UPDATE: GHK

SMALL AMT OF OIL OBSERVED AT SALTWATER OUTLET. S&D INSTALLED SOFT BOOM AT OUTLET. STATION BASICALLY SHUT-DOWN. CHECKED STATION, FOUND NOTHING. PLACING SOFT BOOM FOR ANY OIL - SOME PARKING AREAS OF SITE MAY RUNN-OFF INTO CANAL.

## Map Identification Number 485



## CON ED

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9608613

Close Date: 06/01/1998

TT-Id: 520A-0132-840

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEVEN ROMERO

DEC Investigator: JHOCONNE

Spiller: TIM SOILCH - CON EDISON

Notifier Name: DAVE FIFCHETTI

Caller Agency: CON ED

Contact for more spill info: DAVE FIFCHETTI

Spiller Phone: (212) 580-6764

Notifier Phone: (718) 706-2753

Caller Phone: (212) 580-6763

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 10/10/1996        |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled  | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM           | 5.00             | GALLONS                 | 0.00               | GALLONS             | SOIL                 |

## Caller Remarks:

soil around a dumpster - clean up crew on the way should be cleaned up by 14:00hrs

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**Map Identification Number 486****RAVENSWOOD GAS TURBINE**

40TH AVE &amp; VERNON BLVD

QUEENS, NY

**Spill Number: 9608171****Close Date: 11/18/2002**

TT-Id: 520A-0132-849

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEPHEN ROMERO

DEC Investigator: JHOCONNE

Spiller: FISCHETTI – CON EDISON

Notifier Name: FISCHETTI

Caller Agency: CON ED

Contact for more spill info: FISCHETTI

Spiller Phone: (718) 706-2753

Notifier Phone: (718) 706-2753

Caller Phone: (212) 580-6763

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/30/1996 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #2 FUEL OIL      | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

**Caller Remarks:**

old spill found in an open excavation clean up will begin in am.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
10/10/97: TRANSFERRED FROM KATZ TO O'CONNELL.

11/18/02: This spill has been closed – cross-reference spill # 9809807. (JHO)

**Map Identification Number 487** **38-54 VERNON BLVD**  
 38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9607848****Close Date: 05/27/1998**  
TT-Id: 520A-0132-835

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Local Agency  
 Caller Name: GWENDOLYN HAWKINS  
 DEC Investigator: CAENGELH

Spiller: JOE DEVOTI – CON EDISON  
 Notifier Name: JOE DEVOTI  
 Caller Agency: NYC DEP  
 Contact for more spill info:

Spiller Phone: (212) 580-6763  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (718) 595-6777  
 Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/23/1996 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class     | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|--------------------|------------------|---------|--------------------|---------|----------------------|
| MERCURY          | HAZARDOUS MATERIAL | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

1 OUNCE OF MERCURY SPILLED ON A CON EDISON DOCK.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

**Map Identification Number 488** **RAVENSWOOD GEN. STATION**  
 38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9607352****Close Date: 08/04/2000**  
TT-Id: 520A-0132-833

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name: TIM SOLICH  
 DEC Investigator: CAENGELH

Spiller: CON EDISON  
 Notifier Name: MISCIONE  
 Caller Agency: CON ED  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/10/1996 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 20.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

#### Caller Remarks:

residual oil from a 1yr old spill found in manhole

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

9/11/96: Dom DiGiorgio – said Underground Transmissions took sample, found to be dielectric oil, will call back.

1210 hrs: D. DiGiorgio popped 6 manholes – one had free product. Some of other 5 showed light sheen to free product. Samples taken for analysis. Will start cleanup.

Manholes cleaned out.

#### Map Identification Number 489



**RAVENSWOOD GENERATING STA**  
 38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9606938**

**Close Date: 10/10/1997**  
 TT-Id: 520A-0132-832

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

|                                 |                                         |                                      |
|---------------------------------|-----------------------------------------|--------------------------------------|
| Source of Spill: UNKNOWN        | Spiller: UNKNOWN                        | Spiller Phone:                       |
| Notifier Type: Affected Persons | Notifier Name: MR OGILVIE               | Notifier Phone: (718) 706-2753       |
| Caller Name: STEVE ROMERO       | Caller Agency: CON EDISON               | Caller Phone: (212) 580-6763         |
| DEC Investigator: CAENGELH      | Contact for more spill info: MR OGILVIE | Contact Person Phone: (718) 706-2753 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 08/30/1996 |                     | UNKNOWN        | NO                      | NO                  |

|                  |                |                  |         |                    |         |                      |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| MOTOR OIL        | PETROLEUM      | 1.00             | GALLONS | 1.00               | GALLONS | SOIL                 |

Caller Remarks:

OIL SPILL FOUND ON GROUND NEAR CONSTRCUTION AREA. CAME FROM UNKNOWN VEHICLE. ONTO BLUESTONE. CLEANED UP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

**Map Identification Number 490**



**RAVENWOOD STATION**  
38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9605261**

**Close Date: 07/24/1996**  
TT-Id: 520A-0132-822

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

|                             |                                             |
|-----------------------------|---------------------------------------------|
| Source of Spill: UNKNOWN    | Spiller: UNKNOWN                            |
| Notifier Type: Other        | Notifier Name: MR DIGIORGIO                 |
| Caller Name: LISA PRIMEGGIA | Caller Agency: CON ED                       |
| DEC Investigator: SMMARTIN  | Contact for more spill info: LISA PRIMEGGIA |

|                                      |
|--------------------------------------|
| Spiller Phone:                       |
| Notifier Phone: (212) 580-6763       |
| Caller Phone: (212) 580-6763         |
| Contact Person Phone: (212) 580-6763 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 07/24/1996        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |

## Caller Remarks:

sheen on water-- possibly from a storm drain that discharges near by.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MARTINKAT"  
CALLED CG, THEY ARE INVESTIGATING (BARGE ALEXANDER ALSO CALLED IT IN TO CG

## Map Identification Number 491



**RAVENSWOOD GENERATING STA**  
38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9603703**

**Close Date: 08/03/2000**  
TT-Id: 520A-0132-819

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: CAENGELH

Spiller: RICHARD ROACH - CON EDISON

Notifier Name: MR KING

Caller Agency: CON ED

Contact for more spill info: MR KING

Spiller Phone: (212) 580-6764

Notifier Phone: (718) 706-2753

Caller Phone: (212) 580-6764

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 06/18/1996       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| HYDRAULIC OIL    |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |



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**Caller Remarks:**

a turbine leaked oil and created a sheen on the ast river in the arae of the generation plant – booms are in place on the water to absorb and contain the oil

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**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
COAST GUARD AND WOULD LIKE A DEC RESPONSE TO THE SCENE

Engelhardt notes: Al Webb, Pete Piniero (USCG), Dom DiGiorgio (Con Ed). Report of sheen in discharge tunnel – spotted by Con Ed (Ed Gallagher). Con Ed deployed soft boom. Source of sheen not found – sheen stopped. Sheen first observed 10' in diameter, eventually got to 25'. USCG arrived at 1020 hrs, but sheen had dissipated. Develop specific response plans when sheen is observed in outfalls with specific checklist for sources of oil. Sheen alarm did not go off.

Source eventually identified as plug in line from no. 20 demister to the bowser. Resulted in oil backing up in the vapor line to the roof and then entering the roof drain which discharges to the river. Line was cleared.

**Map Identification Number 492****RAVENSWOOD FACILITY**

3854 VERNON BLVD

QUEENS, NY

**Spill Number: 9601511****Close Date: 04/16/1998**

TT-Id: 520A-0132-817

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Federal Government  
Caller Name: PETTY OFFICER WYCKO  
DEC Investigator: JHOCONNE

Spiller: UNKNOWN – UNKNOWN  
Notifier Name: TIM SOLICH  
Caller Agency: USCG  
Contact for more spill info:

Spiller Phone:  
Notifier Phone: (212) 580-6763  
Caller Phone: (212) 668-7920  
Contact Person Phone:

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Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.  
Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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| Spill Date        | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 04/30/1996        |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled  | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM           | 0                | GALLONS                 | 0                  | GALLONS             | SURFACE WATER        |

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**Caller Remarks:**

sheen detector went off – con ed investigating as to why and how

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**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
10/10/97: TRANSFERRED FROM KATZ TO O'CONNELL.

**Map Identification Number 493****EAST RIVER**

RAVENWOOD GENERATING STA.

QUEENS, NY

**Spill Number: 9601510****Close Date: 10/21/2009**

TT-Id: 520A-0132-865

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Spiller: E.WHITE – RAVENWOOD GENERATING STA.  
KEN YAEGER – TRANSCANADA POWER

Spiller Phone: (718) 706-2753

Notifier Type: Responsible Party

Notifier Name: TIM SOLICH

Notifier Phone: (212) 580-6763

Caller Name: TIM SOLICH

Caller Agency: CON ED

Caller Phone: (212) 580-6763

DEC Investigator: JMKRIMGO

Contact for more spill info: E.WHITE

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 04/30/1996 |                     | UNKNOWN        | NO                      | NO                  |

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| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 2.00             | GALLONS | 0.00               | GALLONS | SURFACE WATER        |

---

## Caller Remarks:

under investigation / unknown where it came from.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

10/21/09. After review the case was closed by J.Krimgold.

## Map Identification Number 494



**RAVENSWOOD GENERATING ST**  
VERNON BLVD

LONG ISLAND CITY, NY

**Spill Number: 9600456**

**Close Date: 09/12/2000**

TT-Id: 520A-0132-799

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Other  
Caller Name: LISA PRIMEGGIA  
DEC Investigator: CAENGELH

Spiller: UNK  
Notifier Name: MR DIGEORGIO  
Caller Agency: CON ED  
Contact for more spill info: LISA PRIMEGGIA

Spiller Phone:  
Notifier Phone: (718) 706-2707  
Caller Phone: (212) 580-6763  
Contact Person Phone: (212) 580-6763

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 04/10/1996       |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| UNKNOWN MATERIAL | OTHER               | 0                | GALLONS                 | 0                  | GALLONS             | SURFACE WATER        |

## Caller Remarks:

SHEEN IN RIVER – BELIEVED TO BE COMING FROM STORM DRAIN WHICH ORIGINATES ON THE STREET

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

At 1030 hrs noticed sheen coming from storm drain north of plant. By 1130 sheen dissipated. Hard boom and absorbent boom in place.

SEE SPILL #9516659.

**Map Identification Number 495****RAVENSWOOD COMPLEX**

VERNON BLVD

LONG ISLAND CITY, NY

**Spill Number: 9516659****Close Date: 08/03/2000**

TT-Id: 520A-0132-800

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Federal Government

Caller Name: DON WEAVER

DEC Investigator: JHOCONNE

Spiller: RICHARD ROACH – CON EDISON

Notifier Name: LISA PREMEGGIA

Caller Agency: USCG

Contact for more spill info:

Spiller Phone: (212) 580-6764

Notifier Phone:

Caller Phone: (212) 668-7920

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 03/26/1996        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SEWER                |

**Caller Remarks:**

unk amount of unk oil leaked into storm drain and eventually into

east river

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

3/26/96, Engelhardt notes: Received call from Dom Digiorgio (Ravenswood) re: sheen coming from sewer near steam house. This has been ongoing problem for about 1 year.

Weather sunny, ~60 degrees, slight breeze from east. No rain yesterday or today.

NYCDEP arrived and checked regulator on GT side of fence. Regulator is operational. Sheen can be observed in river. Contained with sausage boom. Con Ed has made attempts to collect and analyze oil in past but the results are inconclusive. According to Dom Digiorgio, the tunnel head house separator and the steam house drain both feed to the outfall. There was sheen on water near regulator on river side of it. Dropped bucket into regulator – no sheen observed on water in bucket.

Tony Faiello, DEP – checked both regulators (RBLL 21 at GT and RBLL 20 at 38th Ave. and Vernon Blvd.) – both are operating properly.

10/10/97: TRANSFERRED FROM KATZ TO O'CONNELL.

**Map Identification Number 496****RAVENHOOD GENERATING STA**

3854 VERNON BLVD

QUEENS, NY

**Spill Number: 9516114****Close Date: 08/28/2000**

TT-Id: 520A-0132-814

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Federal Government

Caller Name: SANDY ARMSTRONG

DEC Investigator: CAENGELH

Spiller: RICHARD ROACH – CON EDISON

Notifier Name: STEVE ROMERO

Caller Agency: COAST GUARD

Contact for more spill info: STEVE ROMERO

Spiller Phone: (212) 580-6764

Notifier Phone: (212) 580-6763

Caller Phone: (212) 668-7920

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|-------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 03/15/1996        |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled  | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM           | 0                | GALLONS                 | 0                  | GALLONS             | SURFACE WATER        |

**Caller Remarks:**

unknown sheen in river

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
Transferred from Mulqueen to Engelhardt on 8/7/96.

## Map Identification Number 497



## RAVENSWOOD GEN STATION

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9515978

Close Date: 08/04/2000

TT-Id: 520A-0132-920

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Other  
Caller Name: RICHARD ROACH  
DEC Investigator: JHOCONNE

Spiller: UNKNOWN – UNKNOWN  
Notifier Name: RICHARD ROACH  
Caller Agency: CON ED  
Contact for more spill info: MR CRIBBIN

Spiller Phone:  
Notifier Phone: (212) 580-6764  
Caller Phone: (212) 580-6764  
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 03/13/1996 |                     | UNKNOWN        | NO                      |  | NO                  |  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 0                | GALLONS | 0                  | GALLONS | SURFACE WATER        |

## Caller Remarks:

40' X 2' SHEEN IN EAST RIVER – UNKNOWN CAUSE

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
Discharge from City storm sewer outfall. No source found. Sheen dissipated.

**Map Identification Number 498****EAST RIVER**

3854 VERNON BLVD

QUEENS, NY

**Spill Number: 9515624****Close Date: 08/28/2000**

TT-Id: 520A-0132-812

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name: MR DEVOTI

DEC Investigator: CAENGELH

Spiller: N/A – CITY OF NEW YORK

Notifier Name: MR WALLER

Caller Agency: CON ED

Contact for more spill info: MR WALLER

Spiller Phone:

Notifier Phone: (718) 706-2706

Caller Phone: (212) 580-6763

Contact Person Phone: (718) 706-2706

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/05/1996 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled                                                                                         | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|----------------------------------------------------------------------------------------------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| OTHER                                                                                                    | OTHER          | 1.00             | GALLONS | 0.00               | GALLONS | GROUNDWATER          |
| The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information |                |                  |         |                    |         |                      |
| OTHER PETROLEUM                                                                                          | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS |                      |

**Caller Remarks:**

storm drain discharge line is where the spill came from.the owner

is the city of new york.appears to be a light oil.spill is not cleaned up.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

**Map Identification Number 499****3854 VERNON BLVD**

3854 VERNON BLVD

QUEENS, NY

**Spill Number: 9514860****Close Date: 08/28/2000**

TT-Id: 520A-0132-811

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Federal Government  
 Caller Name: DON WEAVER  
 DEC Investigator: CAENGELH

Spiller: UNKNOWN – UNKNOWN  
 Notifier Name: STEVE ROMERO  
 Caller Agency: USCG  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 668-7920  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 02/20/1996        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
|                   |                     |                |                         |         |                     |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |

## Caller Remarks:

sheen found on water

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

2/20/96: Steve Romero, Con Ed – believe discharge might be coming from sewer – contained in boom. Saw slick coming from sewer outfall. Will have Ensign White (USCG) call me (718) 706-2781.

2/20/96, 1420 hrs: Dom DiGiorgio, Con Ed – manhole covers on Ravenswood property are covered with bluestone. Sheen stopped. Checked tunnel head house, steam plant oil/water separators – no problems observed. Thinks that with melting snow regulators opened, allowing illegally dumped oil to be discharged. Shut off station separator as soon as saw sheen and it kept coming out of the sewer.



**Map Identification Number 500****RAVENSWOOD GENERATING**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9512371****Close Date: 03/27/2003**

TT-Id: 520A-0132-827

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: RICHARD ROACH  
 DEC Investigator: CAENGELH

Spiller: RICHARD ROACH – CON EDISON  
 Notifier Name: RICHARD ROACH  
 Caller Agency: CON ED  
 Contact for more spill info: MISEONE

Spiller Phone: (212) 580-6764  
 Notifier Phone: (212) 580-6764  
 Caller Phone: (212) 580-6764  
 Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/03/1996 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 3.00             | GALLONS | 3.00               | GALLONS | SOIL                 |

**Caller Remarks:**

oil was discovered in a concrete tunnel

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
 Oil seepage into Tunnel "A" through weep holes. Aprox 3 gallons total.

1/4/96: Con Ed internal memo states that weep holes were sealed by contractor. (JHO)

1/18/96: Con Ed internal memo indicates that source of oil is "ground contamination". (JHO)

3/27/03: Location of seepage seems to be in vicinity of #6 oil plume found during installation and monitoring of MW-26 (see spill # 0006311). (JHO)

**Map Identification Number 501****RAVENSWOOD GEN STATION**

38-54 GRAND BLVD

LONG ISLAND CITY, NY

**Spill Number: 9511964****Close Date: 10/27/1997**

TT-Id: 520A-0132-826

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: CAENGELH

Spiller: RICHARD ROACH – CON EDISON

Notifier Name: MISCIONE

Caller Agency: CON ED

Contact for more spill info: MR MISCIONE

Spiller Phone: (212) 580-6764

Notifier Phone: (718) 706-2753

Caller Phone: (212) 580-6764

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/21/1995 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled                                                                                         | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|----------------------------------------------------------------------------------------------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| OTHER                                                                                                    | OTHER          | 15.00            | GALLONS | 0.00               | GALLONS | SOIL                 |
| The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information |                |                  |         |                    |         |                      |
| OTHER PETROLEUM                                                                                          | PETROLEUM      | 15.00            | GALLONS | 0.00               | GALLONS |                      |

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

10/27/97: UPDATE FROM GELNN NEWELL, CON ED ERT – APPROXIMATELY 15 GALLONS OF OIL SEEPED UP FROM THE FLOOR OF THE #10

SUB-BASEMENT. a SAMPLE WAS COLLECTED, BUT DUE TO PAPERWORK PROBLEM, THEY ARE UNABLE TO LOCATE RESULTS. CLEANUP WAS COMPLETED ON DATE OF SPILL (12/21/95). NO RE-OCCURANCE.

**Map Identification Number 502****RAVENSWOOD GENERATING STA**

38054 VERNON BLVD

QUEENS, NY

**Spill Number: 9501809****Close Date: 06/27/1995**

TT-Id: 520A-0132-825

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name: MR. ROACH

DEC Investigator: CAENGELH

Spiller: CON ED

Notifier Name:

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6764

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 05/12/1995        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
|                   |                     |                |                         |         |                     |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | -1.00                   | GALLONS | 0.00                | GALLONS | SURFACE WATER        |

## Caller Remarks:

2" X 2" DIAMETER SHEEN IN WATER.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

6/27/95: Dom Digiorgoi, Env Manager – coming from outfal. Stopped, never found source.

**Map Identification Number 503****RAVENSWOOD TO RAINEY TUNN**

RAVENSWOOD TO RAINEY TUNN

QUEENS, NY

**Spill Number: 9501033****Close Date: 08/08/2000**

TT-Id: 520A-0132-854

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

|                   |                       |                              |            |                       |                |
|-------------------|-----------------------|------------------------------|------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     |            | Spiller Phone:        |                |
| Notifier Type:    | Responsible Party     | Notifier Name:               |            | Notifier Phone:       |                |
| Caller Name:      | MR CONSTANTINE        | Caller Agency:               | CON EDISON | Caller Phone:         | (212) 580-6763 |
| DEC Investigator: | CAENGELH              | Contact for more spill info: |            | Contact Person Phone: |                |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 04/25/1995 |                     | UNKNOWN        | NO                      | NO                  |

|                   |                |                  |         |                    |         |                      |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM | PETROLEUM      | -1.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

OIL SHEEN ON TUNNEL CONNECTING 2 SUBSTATIONS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

Sigona notes – Tunnel "C" connecting Ravenswood GT to Rainey tank Farm. Unknown oil found in tunnel. Con Ed did find a dielectric fluid leak on Feeder 60L. Approx. 50 gallons of fluid lost. Clean up is in progress. All oil contained, repairs being scheduled.

**Map Identification Number 504** **CON ED – RAVENWOOD STA.**  
 38054 VERNON BLVD

QUEENS, NY

**Spill Number: 9415452**

**Close Date: 02/10/2003**  
 TT-Id: 520A-0132-824

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name: DEVOTI JOE  
 DEC Investigator: TOMASELLO

Spiller: CON EDISON  
 Notifier Name:  
 Caller Agency: CON EDISON  
 Contact for more spill info:

Spiller Phone: (718) 706-2753  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/25/1995 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled   | Material Class | Quantity Spilled | Units  | Quantity Recovered | Units  | Resource(s) Affected |
|--------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| WASTE OIL/USED OIL | PETROLEUM      | -1.00            | POUNDS | 0.00               | POUNDS | SURFACE WATER        |

Caller Remarks:

SLIGHT OIL SHEEN INTO EAST RIVER – BOOM AROUND AREA OF DISCHARGE TUNNEL – DISP # 360 (718) 476-6200 – UNITS AWAITING DIRECTIONS FROM DEC.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 505**



**RAVENSWOOD PLANT**  
38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9415141**

**Close Date: 02/13/1998**  
TT-Id: 520A-0132-857

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Local Agency

Caller Name: ROBERT KEPICH

DEC Investigator: CAENGELH

Spiller:

Notifier Name:

Caller Agency: NYCDEP

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (718) 545-6777

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/17/1995 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 5000             | GALLONS | 0                  | GALLONS | SOIL                 |

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Caller Remarks:

SPILLED FROM A GENERATOR – LOCATED NEXT TO EAST RIVER – NO FURTHER INFO AVAILABLE .

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
Duplicate of spill #9415130.

**Map Identification Number 506**



**RAVENSWOOD PLANT**  
38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9415138**

**Close Date: 02/13/1998**  
TT-Id: 520A-0132-859

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Fire Department  
Caller Name: DISP. #316  
DEC Investigator: CAENGELH

Spiller: CON ED  
Notifier Name:  
Caller Agency: NYCFD  
Contact for more spill info:

Spiller Phone:  
Notifier Phone:  
Caller Phone: (718) 476-6200  
Contact Person Phone:

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Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 02/17/1995 |                     | UNKNOWN        | NO                      | NO                  |

---

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 5000             | GALLONS | 0                  | GALLONS | SOIL                 |
| TURBINE OIL       | PETROLEUM      | 0                | POUNDS  | 0                  | POUNDS  | SOIL                 |

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## Caller Remarks:

CONFINED TO INSIDE OF ENCON PLANT

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
Duplicate of spill #9415130.

## Map Identification Number 507



## RAVENSWOOD SITE

VERNON BLVD

LONG ISLAND CITY, NY

Spill Number: 9406019

Close Date: 08/02/1994

TT-Id: 520A-0132-829

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Federal Government  
Caller Name: STEVE CARLAY  
DEC Investigator: CAENGELH

Spiller: CON EDISON  
Notifier Name:  
Caller Agency: U.S.C.G.  
Contact for more spill info:

Spiller Phone:  
Notifier Phone:  
Caller Phone: (212) 668-7913  
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/02/1994 | 08/02/1994          | UNKNOWN        | UNKNOWN                 | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units  | Quantity Recovered | Units  | Resource(s) Affected |
|-------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | -1.00            | POUNDS | 0.00               | POUNDS | SURFACE WATER        |

## Caller Remarks:

COAST GUARD NOTIFIED- NRC COAST GUARD INVESTIGATING. ONLY SHEEN ON WATER AT THIS POINT. TEAM INVESTIGATING. CON ED FOUND TO BE CULPRIT OIL DISCHARGING FROM COOLING SYSTEM OUTFALL.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGLEHARDT"

10/10/95: This is additional information about material spilled from the translation of the old spill file: 15 YDS X 330 YDS.

ADDITIONAL REMARKS: BOOMED OFF OUTFALL AND DEPLOYED SAUSAGE. NO SOURCE FOUND INSIDE PLANT.

**Map Identification Number 508**

**RAVENSWOOD FACILITY**  
38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9306561**

**Close Date: 08/29/1993**  
TT-Id: 520A-0132-790

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Responsible Party  
Caller Name:  
DEC Investigator: TOMASELLO

Spiller:  
Notifier Name:  
Caller Agency: NYC DEP  
Contact for more spill info:

Spiller Phone:  
Notifier Phone:  
Caller Phone: (718) 595-6777  
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/29/1993 | 08/29/1993          | UNKNOWN        | UNKNOWN                 | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units  | Quantity Recovered | Units  | Resource(s) Affected |
|-------------------|----------------|------------------|--------|--------------------|--------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | POUNDS | 0                  | POUNDS | SURFACE WATER        |

**Caller Remarks:**

FIRE ON TURBINE UNIT #30 – NO ACTIONS TAKEN – NO CALL BACK REQUESTED.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.



**Map Identification Number 509****38-54 VERNON BLVD**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9202886****Close Date: 06/10/1992**

TT-Id: 520A-0132-798

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: ANTHONY CONSTANTINE  
 DEC Investigator: KSTANG

Spiller:  
 Notifier Name:  
 Caller Agency: CON ED  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 06/09/1992        | 06/10/1992          | UNKNOWN        | UNKNOWN                 |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 1.00                    | UNKNOWN | 0.00                | UNKNOWN | SURFACE WATER        |

## Caller Remarks:

NO SIGNIFICANT DISCHARGE.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"

**Map Identification Number 510****37TH AVE/CONED/RAVENSWOOD**

37TH AVE/CONED/RAVENSWOOD

QUEENS, NY

**Spill Number: 9202065****Close Date: 03/30/1995**

TT-Id: 520A-0132-861

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Federal Government  
 Caller Name: T CALLISTER  
 DEC Investigator: KSTANG

Spiller:  
 Notifier Name:  
 Caller Agency: USCG  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 668-7920  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/20/1992 | 03/30/1995          | UNKNOWN        | UNKNOWN                 | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | -1.00            | UNKNOWN | 0.00               | UNKNOWN | SURFACE WATER        |

#### Caller Remarks:

DEP RESPONDING. REFERRED TO SPEDES.

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"

#### Map Identification Number 511



**38-54 VERNON BLVD/QUEENS**  
 38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9010312**

**Close Date: 12/23/1990**  
 TT-Id: 520A-0132-795

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Citizen  
 Caller Name: ARNIE ROLAND  
 DEC Investigator: SIGONA

Spiller: UNKNOWN  
 Notifier Name:  
 Caller Agency: CON ED  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 12/23/1990       | 12/23/1990          | UNKNOWN          | UNKNOWN                 |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| #2 FUEL OIL      | PETROLEUM           | -1.00            | UNKNOWN                 | 0.00               | UNKNOWN             | SURFACE WATER        |

## Caller Remarks:

SLICK IN WATER,CHECKED EQUIPMENT WHICH WAS CLEAN, A TANKER AT PZIER PLANT UP RIVER MAY BE SOURCE, SHIP KEELING OVER & BOOM IS AROUND TANKER,DEC NOTIFIED USCG, NOT FOUNDED.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

**The following DEC Investigator Remarks were available prior to 1/1/2002:**

10/10/95: This is additional information about material spilled from the translation of the old spill file: MAJOR SLICK.

**Map Identification Number 512**



**RAVENSWOOD GEN STATION**

3854 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 8703060**

**Close Date: 07/16/1987**

TT-Id: 520A-0132-858

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Federal Government

Caller Name:

DEC Investigator: JHOCONNE

Spiller:

Notifier Name:

Caller Agency:

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Unable or Unwilling RP – DEC Field Response – DEC Corrective Action Required

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 07/16/1987 | 07/16/1987          | UNKNOWN        | UNKNOWN                 |  | NO                  |  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 30.00            | GALLONS | 0.00               | GALLONS | SURFACE WATER        |

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Caller Remarks:

DISCHARGE PIPE FROM THAT ADDRESS INTO RIVER.

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

10/10/95: This is additional information about material spilled from the translation of the old spill file: BROWN OILY SUBSTANCE.

**Map Identification Number 513**



**SHEEN AT TRANS CANADA**

38-54 VERNON BLVD

LONG ISLAND CITY, NY

**Spill Number: 1200837**

**Close Date: 04/26/2012**

TT-Id: 520A-0273-698

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: 11101

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: JBVOUGHT

Spiller: TRANS CANADA

Notifier Name:

Caller Agency:

Contact for more spill info: RAY LOPEZ

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 04/26/2012 |                     | UNKNOWN        | NO                      | NO                  |

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| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SURFACE WATER        |

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Caller Remarks:

sheen on water discharge/investigation underway

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DEC Investigator Remarks:

4/26/12-Vought-Duty desk officer. RSE received call from USCG as well onsite. Called Ray Lopez (Ph:718-706-2753) and sheen has stopped and all circuit and lube oil coolers were stopped. Boom was deployed by Kens Marine by discharge tunnel and amount of spill less than one gallon. Not sure of specific source and are still investigating source. Another contact is Greg Pryor (Ph:917-670-7893). Spill closed due to nominal and unrecoverable sheen and shutting of source (circuit and lube oil coolers). Lopez and Pryor may also return call with source once or if discovered. Vought received call later during day from Pryor and location of leak was determined to be "20 East Circuit Oil Cooler" and cooler was removed from service and leak will be sealed. USCG was also onsite earlier as well. Spill remains closed.

**Map Identification Number 514****RAVENS WOOD YARD**

38-54 VERNON BLVD

QUEENS, NY

**Spill Number: 1101926****Close Date: 07/14/2011**

TT-Id: 520A-0263-216

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: RWAUSTIN

Spiller: ERT - CONEDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/20/2011 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 0.01             | GALLONS | 0.00               | GALLONS |                      |

**Caller Remarks:**

1oz of unknown material leaked from a truck on to blue stone. Clean up is in progress.

**DEC Investigator Remarks:**

small spill from vehicle. Emis 225844

7/14/11 - Austin - Con Ed contained and cleaned up the spill - See EDocs files for further details - Spill closed - end

**Map Identification Number 515** **RAVENSWOOD UTILITY TUNNEL**  
38-54 VERNON BLVD



QUEENS, NY

**Spill Number: 1101903****Close Date: 07/14/2011**  
TT-Id: 520A-0263-215

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: Responsible Party  
Caller Name:  
DEC Investigator: RWAUSTIN

Spiller:  
Notifier Name:  
Caller Agency:  
Contact for more spill info: ERT

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/20/2011 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 3.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

coming from pipe onto blacktop– called " fuel oil" clean up pending

## DEC Investigator Remarks:

7/14/11 – Austin – 3 gal. #2 fuel oil spill – Con Ed contained and cleaned up the spill – See EDocs files for further details –  
Spill closed – end

**Map Identification Number 516** **SURFACE WATER**  
38-54 VERNON BLVD



QUEENS, NY

**Spill Number: 1101750****Close Date: 08/19/2011**  
TT-Id: 520A-0263-214

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: RWAUSTIN

Spiller: UNKNOWN  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: ERT

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: 212 580 8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/17/2011 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | UNKNOWN | 0                  | UNKNOWN | SURFACE WATER        |

#### Caller Remarks:

Caller advised received a call advising an unknown amount of unknown oil was spilled into the east river. Caller advised that the facility is shared by Conn Ed and Trans Canada and it is unknown who is responsible at this time.

#### DEC Investigator Remarks:

Sangesland spoke to ERT. They saw a sheen which they believe is due to heavy rain water run off. Reponse team has deployed booms and they are trying to trace the source.

8/19/11 – Austin – No source for oil found at either Con Ed or TransCanada, according to them – TransCanada contained and cleaned up the spill – See documents in eDocs files for more info – Case closed – end

#### Map Identification Number 517



**TRANS CANADA**  
 38-54 VERNON BLVD

LONG ISLAND CITY, NY

**Spill Number: 1010685**

**Close Date: 01/18/2011**  
 TT-Id: 520A-0258-238

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: Other  
Caller Name:  
DEC Investigator: JBVOUGHT

Spiller: ADAM SADOWSKI – TRANS CANADA  
Notifier Name:  
Caller Agency:  
Contact for more spill info: ADAM SADOWSKI

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone: (718) 706-2753

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/17/2011 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| TURBINE OIL      | PETROLEUM      | 20.00            | GALLONS | 0.00               | GALLONS |                      |

## Caller Remarks:

overflow pipe – fully contained in concrete of building – cleanup in progress –

## DEC Investigator Remarks:

1/18/11–Vought–Primary off–hours responder. Called Trans Canada (Adam Sadowsky (718)706–2753) and spill was turbine oil and cause of spill was tank overflow due to "valve position on flush" and spill was contained to concrete and cleaned up via vacuum truck and speedi dry and no sewers or drains or soil was affected. Spill closed by Vought.

**Map Identification Number 518** **VERNON SUB STATION/EMIS #222738**  
 38-54 VERNON BLVD

LONG ISLAND CITY, NY

**Spill Number: 1004879**

**Close Date: 10/18/2010**  
TT-Id: 520A-0252-709

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: Other  
Caller Name:  
DEC Investigator: RWAUSTIN

Spiller: CON ED  
Notifier Name:  
Caller Agency:  
Contact for more spill info: ERT

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency



| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 07/30/2010       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| DIELECTRIC FLUID |                     | PETROLEUM      | 0.01                    | GALLONS | 0.00                | GALLONS | SOIL                 |

## Caller Remarks:

clean up underway

## DEC Investigator Remarks:

7/30/10 – Raphael Ketani. Today, about 0.01 gal. of dielecteic fluid spilled to the ground. The fluid is believed to have come from a breaker switch nearby. The spill took place at the Vernon Boulevard substation. The EMIS is #222738. I spoke to the ERT desk attendant and he said that the spill had been cleaned up.

10/18/10 – Austin – 1-pint spill from breaker – Con Ed cleaned up effected soil as part of excavation work being done for equipment replacement project (40 tons of soil removed) – Con Ed contained and cleaned up the release – see eDocs documents for more information – closed – end

## Map Identification Number 519



## RAVENSWOOD POWER STATION

38-54 VERNON BLVD

LONG ISLAND CITY, NY

Spill Number: 0905060

Close Date: 08/03/2009

TT-Id: 520A-0229-504

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: jbvought

Spiller: UNKNOWN

Notifier Name:

Caller Agency:

Contact for more spill info: LARRY CONWAY

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (718) 706-2873

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 07/31/2009 |                     | UNKNOWN        | NO                      |  | NO                  |  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 10.00            | GALLONS | 0.00               | GALLONS |                      |

-----  
Caller Remarks:CALLER STATES THAT THERE IS A SPILL UNDER 10 GALLONS TO THE EAST RIVER UNK SOURCE.  
-----

## DEC Investigator Remarks:

07/31/09-Vought-Duty desk officer. Called Larry Conway (718)706-2873 and spill was less then ten gallons and was near discharge tunnel for cooling water from plant. Spill is boomed and some pancakes that escaped boom and they were recovered. Discharge is diminishing and USCG is onsite and Station is performing trace back to drains. Vought left cell phone contact information and requested that Conway return callback to Vought when source is found.

08/03/09-Vought-Called for status update and Larry out till Thurs and Vought was transferred to Environmental Unit (Kevin Fennessey 718-706-2873x706) and Vought left message to return call with update as soon as possible. Received callback from and spoke to Fennessey and no more oil observed flowing out of discharge pipe during weekend and source suspected is lubricant oil cooler (one of two). Suspected leaking cooler was taken off line and spill (approximately 5-6 drips per minute) stopped soon after. USCG off site and boom still in place but will be removed today. Spill closed by Vought as no impact to surface water and shut off of suspected source.

**Map Identification Number 520****TRANS CANADA POWER PLANT**

38-54 VERNON BLVD

LONG ISLAND CITY, NY

**Spill Number: 0904023****Close Date: 07/08/2009**

TT-Id: 520A-0229-495

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: RMPIPER

Spiller: PAUL SERVER - TRANS CANADA POWER PLANT

Notifier Name:

Caller Agency:

Contact for more spill info: PAUL SERVER

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (718) 706-2873

-----  
Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 07/07/2009        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 10.00                   | GALLONS | 0.00                | GALLONS | SURFACE WATER        |

## Caller Remarks:

UNK PETROLEUM IN THE WATER, BOOM WILL BE DEPLOYED UNK SOURCE.

## DEC Investigator Remarks:

lube oil cooler was leaking. Oil spilled through the cooling system to the river.  
Ken's Marine called at 13:14 Hrs... 14:00 Ken's Marine is on site.

DECPiper responded. Soft and hard boom was in place upon arrival. small nodules of sheen were observed exiting discharge. hole has been plugged. Spill under control. Spill closed.

## Map Identification Number 521



## RAVENS WOOD POWER STATION

38-54 VERNON BLVD

LONG ISLAND CITY, NY

## Spill Number: 0903796

## Close Date: 07/17/2009

TT-Id: 520A-0229-492

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: SFRAHMAN

Spiller: KEVIN FENNESSEY - RAVENS WOOD POWER STATION Spiller Phone:

Notifier Name: Notifier Phone:

Caller Agency: Caller Phone:

Contact for more spill info: KEVIN FENNESSEY Contact Person Phone: (718) 706-2773

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|----------------|-------------------------|--|---------------------|--|
| 07/01/2009 |                     | UNKNOWN        | NO                      |  | NO                  |  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

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Caller Remarks:

CONTAMINATED SOIL FOUND IN A CONSTRUCTION AREA. CLEAN UP IS PENDING. SPILL IS HISTORICAL.

---

DEC Investigator Remarks:

07/01/09-HRAHMED-Spoke to Kavin of Power Station(718 706-2773). They are replacing the water main pipeline. In the excavation they found contaminated soil. This site used to be a MPG plant.

07/16/09 Cross reference to Spill#9812437, Consent Order: R2-20000906-179.(sr)

**Map Identification Number 522      RAVEN'S WOOD POWER STATIO**



3854 VERNON BLVD.

LONG ISLAND CITY, NY

**Spill Number: 0805597**

**Close Date: 08/14/2008**

TT-Id: 520A-0220-664

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: VESSEL  
Notifier Type: Responsible Party  
Caller Name:  
DEC Investigator: RMPIPER

Spiller: KEN YAGER - NATIONAL GRID  
Notifier Name:  
Caller Agency:  
Contact for more spill info: KEN YAGER

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone: (718) 706-2702

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Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/14/2008 |                     | OTHER          | NO                      | NO                  |

---

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SURFACE WATER        |

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**Caller Remarks:**

AMOUNT SPILLED IS 3 TO 5 DROPS; A FEW DROPS FELL OUT AFTER THE WORK WAS COMPLETED; DISIPATED WITH OUT CLEAN UP;

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**DEC Investigator Remarks:**

While disconnecting hose, a few drops entered the river. the area was boomed. Closed.

**Map Identification Number 523****VERNON SUBSTATION**

38-54 VERNON BLVD

LONG ISLAND CITY, NY

**Spill Number: 0712668****Close Date: 04/18/2008**

TT-Id: 520A-0214-316

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: JHOCONNE

Spiller: ERTSDESK – CON EDISON S/S

Notifier Name:

Caller Agency:

Contact for more spill info: ERTSDESK

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

**Category:** Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

**Class:** Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
|------------|---------------------|----------------|-------------------------|---------------------|

03/03/2008

UNKNOWN

NO

NO

| Material Spilled | Material Class | Quantity Spilled | Units | Quantity Recovered | Units | Resource(s) Affected |
|------------------|----------------|------------------|-------|--------------------|-------|----------------------|
|------------------|----------------|------------------|-------|--------------------|-------|----------------------|

UNKNOWN PETROLEUM

PETROLEUM

9.00

GALLONS

0.00

GALLONS

SOIL

---

**Caller Remarks:**

REF #210123; CLEAN UP PENDING;

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**DEC Investigator Remarks:**

210123. see eDocs

3-4-08. Inspected site with Leon Paretsky, Pete Sudol and Xmission Ops people. Feeder trifucates in MH. Nine gallons was found there. ConEd excavated on both sides of the MH. Small quantities of what appeared to be aged oil were found. If the feeder is leaking, the point of release has not yet been found. There is nothing to clamp, nothing to repair. Trying to determine if the oil found is from a source other than this feeder. Samples sent to lab. Investigation and vacuuming continuing. (Breen)

3-5-08. Pete Sudol reports that investigation has found no evidence of a feeder leak. Seems to be entirely historic contamination. Tanker contained 1400 gallons of water with no measureable oil; just a sheen. Con Ed expanded the two trenches along the feeder working out from the MH in both directions and found the feeder to be intact. ConEd is terminating the excavation work now, and waiting for the results of the soil samples they took. Next step will be preparation of a plan for remediating the historic. (Breen)

3-6-08: e-mail from Con Ed (Pfeiffer):

"From: Pfeiffer, Chad

Sent: Thursday, March 06, 2008 3:10 PM

To: 'Jane O'Connell'; 'George Breen'

Cc: Sudol, Peter J.; Pfeiffer, Chad; Mahoney, Sean; Suarez, Joseph

Subject: Vernon SS

"The excavation around Fdr 38M06 was extended west and soils were visually clean in that direction. It looks like the historic contamination we may have encountered in the soil is concentrated around the west wall of the manhole vault. Yesterday, we collected samples along the north and south walls and the floor of the excavation to get an initial determination of TPH concentration in the soil. Attached is the sampling sketch and some photos of the excavation. I'll send the results when we get them from the lab." (Breen)

3/11/08: e-mail from Con Ed (Pfeiffer):

"Attached are the results and updated sampling map for the excavation at Vernon SS. As you can see, the results on the south walls are pretty high and we'll have to excavate down a little deeper as well. Moving south from this excavation, we do have some obstructions, a cable trough and equipment foundations, that may limit how far we can go, but we'll get as much out as we can. The results on the north wall look to be ok." See eDocs for results and sketch. (JHO)

3/20/08: On site with Con Ed (Joe Suarez) – AllState crew was on-site this morning to expand the excavation, however rain last night had partially filled the original excavation and AllState did not bring a liquids truck. Have re-scheduled for tomorrow for soil vactor and liquids tanker. (JHO)

3/21/08: On site with Con Ed (Suarez, Pfeiffer, Sudol) – original excavation has been pumped down – some small globs of oil visible on mud at bottom of hole. AllState crew is now digging down to the south of the original excavation to remove contaminated soil. They have already dug down on the west side to the same depth as the feeders, and will be collecting post-ex. samples.

Later that day, received e-mail from Con Ed (Pfeiffer): " At around 3' below grade, we encountered contaminated soils, consistent with what we saw in the original excavation. Unfortunately, the Allstate crew had to be pulled off this job to respond to Transmission Ops emergency call this afternoon so we didn't get down to 4' as we had intended. We'll pick

this job up again next week with Allstate and also bring in sheeting/shoring contractor to go deeper and wider to see how far the contamination spread. I'll let you know what our schedule looks like for this." (JHO)

See eDocs for 2008 Substation Inspection Findings and for response from Con Edison relative to this spill.

4/7/08: Received results of soil samples in e-mail from Pete Sudol, along with sampling map. All results OK. Requested clarification as follows: "when I was out there on the 21st I thought there was another, shallower excavation to the south-southwest of the manhole. Soil was visually clean but you indicated that it was to be sampled. Do you have those results?"

Received clarification from Con Ed (Pfeiffer): " The area that we expanded that was visually clean but we agreed to sample was around sample points 1 and 5 on this side. This is the part we looked at that day you were here. The area on the north/northeast side of the manhole was only excavated for construction purposes, to reseal the manhole wall. That side was all clean sand with no indications of contamination or staining. It was backfilled after construction was complete." (JHO)

4/14/08: E-mail from Con Ed (Pfeiffer): "Attached is the Vernon sampling map with some updates like you had requested. I added the extended excavation area and the sampling points from the original excavation area along with the adjacent manhole. Let me know if you have any questions or need any other information." See eDocs for revised sampling map. Close out. (JHO)

**Map Identification Number 524****POWER STATION -RAVENSWOOD**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 0707829****Close Date: 03/12/2012**

TT-Id: 520A-0212-477

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: JKKANN

Spiller: KEN YAGER - RAVENSWOOD POWER STATION

Notifier Name:

Caller Agency:

Contact for more spill info: KEN YAGER

Spiller Phone: (718) 706-2702

Notifier Phone:

Caller Phone:

Contact Person Phone: (718) 706-2702

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 10/17/2007       |                     | OTHER          | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| DIESEL           |                     | PETROLEUM      | 2.00                    | GALLONS | 2.00                | GALLONS | SOIL                 |

## Caller Remarks:

DELIVERY TRUCK DID NOT HAVE A CAP ON AND WHILE DRIVING LEAKED SOME OUT AND IS ALL CLEANED

## DEC Investigator Remarks:

06/22/10 – changed Lead DEC to JMOCONNIE (JOC)

4/14/11 – J.kann – DEC lead changed to J.Kann.

03/12/12: J.Kann – TransCanada requested closure of spill – it was approx. one gallon of diesel fuel from a delivery truck after it did not put it's tank cap on. After co-review of information with Hassan and the section, spill closed.

## Map Identification Number 525



## RAVENSWOOD POWER STATION

38-54 VERNON BOULEVARD

LONG ISLAND, NY

Spill Number: 0705296

Close Date: 08/14/2007

TT-Id: 520A-0138-057

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Other

Caller Name:

DEC Investigator: gdbreen

Spiller: DAVE TORRES – RAVENSWOOD POWER STATION

Notifier Name:

Caller Agency:

Contact for more spill info: DAVE TORRES

Spiller Phone: (718) 786-2753

Notifier Phone:

Caller Phone:

Contact Person Phone: (718) 786-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency



| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 08/08/2007       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #6 FUEL OIL      |                     | PETROLEUM      | 5.00                    | GALLONS | 0.00                | GALLONS | SOIL                 |

Caller Remarks:

IN PROCESS OF CLEANING UP:

DEC Investigator Remarks:

Ken Yager (718-706-2702) reports that a release was discovered on the ground at the 74 Street head house to ConEd after the storm. He has no idea how it occurred. No one, employee or otherwise, admits to it. Keyspan reported it, had it cleaned up. It was about five gallons of No. #6 FO. Ken will provide details in writing and then we can close this out.

August 13, 2007

Mr. George D. Breen  
New York State Department of Environmental Conservation  
Region 2  
Bureau of Spill Prevention and Response  
Spills Management Programs  
Hunters Point Plaza  
47-40 21st Street  
Long Island City, New York 11101

Re: Ravenswood Spill Reported 8/8/07: DEC #0705296

Dear Mr. Breen,

On August 8, 2007, while conducting a routine inspection tour, a Ravenswood employee noted several gallons of oil spilled on the gravel area next to the 74th Street Meter House. Once notified, the Shift Supervisor immediately reported the spill to the New York State DEC, and was assigned spill number 0705296.

A thorough inspection of the area was performed in an attempt to discover the source of the spill. All fuel oil equipment in the area was intact and no leaks were discovered. The source of the spill was indeterminate. Ravenswood contacted Waste Recycling Services to perform the cleanup. Waste Recycling reported on the afternoon of August 8th, and completed the cleanup the same day. Approximately five gallons of oil were spilled.

This is notification that the cleanup actions for spill number 0705296 are complete, and the case is ready to be closed out in your records. If you have any questions, or require any additional information, please call me at (718) 706-2773.

Sincerely,

Kevin M. Fennessey  
Ravenswood Regulatory Compliance

718-706-2773

Closed on the basis of the above report. GB

#### Map Identification Number 526



#### RAVENSWOOD POWER STATION

38-54 VERNON BOULEVARD

Spill Number: 0601793

Close Date: 07/11/2006

TT-Id: 520A-0132-240

LONG ISLAND CITY, NY 11101

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO REVISION MADE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: JHOCONNE

Spiller: BASRI - RAVENSWOOD POWER STATION

Notifier Name:

Caller Agency:

Contact for more spill info: BASRI

Spiller Phone: (718) 706-2721

Notifier Phone:

Caller Phone:

Contact Person Phone: (718) 706-2721

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 05/18/2006       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #6 FUEL OIL      |                     | PETROLEUM      | 40.00                   | GALLONS | 0.00                | GALLONS | SOIL                 |

Caller Remarks:

NO WATER WAYS EFFECTED STILL INVESTIGATING

## DEC Investigator Remarks:

5-18-06. Mohammed Basri called to report that Keyspan has vacuumed out the product in the manhole and will be washing it today. The manhole contains a feeder, so they had ConEd people in for advice. They want the feeder clean. Keyspan does not know the source of the No. 6. They had a release in a nearby location recently. They will provide an update later on. (GDB)

7/11/06: See spill no. 0504119. Close out. (JHO)

## Map Identification Number 527



## RAVENS WOOD POWER STATION

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 0505905

Close Date: 03/06/2007

TT-Id: 520A-0133-014

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEVE ZAMBORI

DEC Investigator: GDBREEN

Spiller: DAN O'DONNELL - RAVENS WOOD POWER STATION

Notifier Name: STEVE ZAMBORI

Caller Agency: KEYSpan

Contact for more spill info: DAN O'DONNELL

Spiller Phone: (718) 706-2753

Notifier Phone: (516) 545-4007

Caller Phone: (516) 545-4007

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 08/12/2005       |                     | UNKNOWN          | NO                      |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| DIELECTRIC FLUID | PETROLEUM           | 25.00            | GALLONS                 | 25.00              | GALLONS             | SOIL                 |

## Caller Remarks:

Oil is leaking @ 6 ounces per hour. Spill is contained. Crew will be out in morning.

## DEC Investigator Remarks:

Oil is dripping from the east side of the 3N transformer. Absorbent pads have been placed under leak.

see eDocs. closed. Breen

**Map Identification Number 528****RAVENSWOOD GENERATING STA**

3854 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 0410142****Close Date: 12/21/2004**

TT-Id: 520A-0133-000

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: MAJOR OIL FACILITY (&gt;400,000 GAL)

Notifier Type: Responsible Party

Caller Name: FRANK BERTRAND

DEC Investigator: SKARAKHA

Spiller: JOHN ESPAGNOLLO – RAVENSWOOD GENERATING STA Spiller Phone: (718) 706-2873

Notifier Name: FRANK BERTRAND

Caller Agency: KEYSpan

Contact for more spill info: JOHN ESPAGNOLLO

Notifier Phone: (516) 545-4007

Caller Phone: (516) 545-4007

Contact Person Phone: (718) 706-2873

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date        | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|-------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 12/12/2004        |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled  |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN PETROLEUM |                     | PETROLEUM      | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |

**Caller Remarks:**

SHEEN OF TURBINE OIL COMING FROM DISCHARGE CHANNEL. ENVIRONMENTAL COMPANY (KEN MARINE) HAS BEEN CONTACTED REGARDING CLEAN UP.

**DEC Investigator Remarks:**

12/13/04 10:15 AM

Sam Arakhan was informed by Mr. Patterson of KeySpan that leak/sheen is intermittent. Clean Harbors and Ken's Marine are on-site to respond to this incident.

12/14/04 0830 AM

Sam Arakhan was informed by Dom GiGiorgio that the sheen is dark/dirty, not indicative of a fresh spill. He suspects that the city sewers overflowed from the recent heavy rains ( this is the second occurrence).

Update 12/21 @ 10:13 AM

Dom DiGiorgio called to state that no leak/sheen observed since 12/16/

**Map Identification Number 529****KEYSPAN – EAST RIVER**

3854 VERNON BLVD

QUEENS, NY

**Spill Number: 0407306****Close Date: 10/04/2004**

TT-Id: 520A-0132-980

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Other

Caller Name: HALLORAN

DEC Investigator: SKARAKHA

Spiller: DOMINICK DEGEORGIO

Notifier Name: RAVENS WOOD POWER STATION

Caller Agency: KEYSPAN

Contact for more spill info: DOMINICK DEGEORGIO

Spiller Phone: (917) 796-6248

Notifier Phone: (516) 545-4007

Caller Phone: (516) 545-4007

Contact Person Phone: (917) 796-6248

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 10/01/2004       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
|                  |                     |                |                         |         |                     |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| UNKNOWN MATERIAL |                     | OTHER          | 0                       | GALLONS | 0                   | GALLONS | SURFACE WATER        |

**Caller Remarks:**

attempting to deploy an oil boom now.sheen in the east river– 20 ftx 20ft

**DEC Investigator Remarks:**

Ken's Marine was called to respond and didn't find any sheen from 8:15 AM – 10:00 AM. They were called a second time and found a light sheen which was not recoverable. The source seemed to be DEP sewer outfall.

**Map Identification Number 530****RADENSWOOD POWER STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 0310127****Close Date: 12/08/2003**

TT-Id: 520A-0132-995

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

|                   |                   |                              |                                 |                       |                |
|-------------------|-------------------|------------------------------|---------------------------------|-----------------------|----------------|
| Source of Spill:  | UNKNOWN           | Spiller:                     | FRANK MCINTOSH – KEYSpan ENERGY | Spiller Phone:        | (718) 706-2753 |
| Notifier Type:    | Responsible Party | Notifier Name:               | FRANK MCINTOSH                  | Notifier Phone:       | (718) 706-2753 |
| Caller Name:      | FRANK BERTRAND    | Caller Agency:               | KEYSPAN ENERGY                  | Caller Phone:         | (516) 545-4007 |
| DEC Investigator: | JHOCONNE          | Contact for more spill info: | FRANK MCINTOSH                  | Contact Person Phone: | (718) 706-2753 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

|            |                     |                |                         |                     |
|------------|---------------------|----------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
| 11/29/2003 |                     | OTHER          | NO                      | NO                  |

|                  |                |                  |         |                    |         |                      |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| COMPRESSOR OIL   | PETROLEUM      | 15.00            | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

10 gallons on the concrete and approximately 5 gallons on the dirt. compressor oil came out of a vent.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 12/8/03: Spill report faxed by Dom DiGiorgio (station environmental manager) – spill cleaned using pads and socks. (JHO)

**Map Identification Number 531**      **RAVENSWOOD POWER STATION**  
 38-56 VERNON BL

LONG ISLAND CITY, NY

**Spill Number: 0300564**

**Close Date: 04/16/2003**  
 TT-Id: 520A-0132-979

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

|                   |                       |                              |                                 |                       |                |
|-------------------|-----------------------|------------------------------|---------------------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | FRANK BERTRAND – KEYSpan ENERGY | Spiller Phone:        | (516) 545-4007 |
| Notifier Type:    | Responsible Party     | Notifier Name:               | KATHERINE AIKEN                 | Notifier Phone:       |                |
| Caller Name:      | FRANK BERTRAND        | Caller Agency:               | KEYSPAN ENERGY                  | Caller Phone:         | (516) 545-4007 |
| DEC Investigator: | MXTIPPLE              | Contact for more spill info: | FRANK BERTRAND                  | Contact Person Phone: | (516) 545-4007 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 04/16/2003       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #6 FUEL OIL      |                     | PETROLEUM      | 5.00                    | GALLONS | 5.00                | GALLONS | SOIL                 |

## Caller Remarks:

Above material spilled at above location from oil gun. All material reported recovered at time of call.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"

## Map Identification Number 532



**RAVENSWOODS POWERPLANT**  
38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 0209568**

**Close Date: 12/17/2002**  
TT-Id: 520A-0132-988

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: CATHY HAND

DEC Investigator: KMFOLEY

Spiller: SAME

Notifier Name: POWER PLANT

Caller Agency: KEYSpan

Contact for more spill info: ERIC HAHN

Spiller Phone:

Notifier Phone:

Caller Phone: (631) 436-4217

Contact Person Phone: (718) 706-2874

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 12/17/2002       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #6 FUEL OIL      |                     | PETROLEUM      | 10.00                   | GALLONS | 0.00                | GALLONS | SURFACE WATER        |

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**Caller Remarks:**

\*\*\*Drill\*\*\*

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**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"

**Map Identification Number 533****EAST RIVER**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 0209502****Close Date: 10/12/2004**

TT-Id: 520A-0132-981

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING - LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: VESSEL  
 Notifier Type: Affected Persons  
 Caller Name: JOHN SIEDLECKI  
 DEC Investigator: AERODRIG

Spiller: SAME - KEYSpan ENERGY  
 Notifier Name: FRANK MCINTOSH  
 Caller Agency: KEYSpan ENERGY  
 Contact for more spill info: FRANK MCINTOSH

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (516) 545-4007  
 Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 12/16/2002       |                     | UNKNOWN        | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #6 FUEL OIL      |                     | PETROLEUM      | 1.00                    | GALLONS | 0.00                | GALLONS | SURFACE WATER        |

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**Caller Remarks:**

caller suspects a hole in barge. spill not stopped yet

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**DEC Investigator Remarks:**

12/16/2002: The Rhode Island barge was transferring #6 oil to the Rainey Tanks when the barge personnel noticed some pieces of



oil in the water. This happened as the station started to pump the oil in the morning to the Rainey tanks. The 1 hour contractor Oil Mop had a boat and placed boom around the barge. They removed the oil from the water using a fishing net. There was no evidence of oil at the time of inspection. The Coast Guard arrived at the station to study the situation. Moran (owner of barge) will take the barge to a ship yard in staten island for inspection. The oil did not come from the pipe connection. It might have come from the side of the barge, below the surface of the water. (ARS)

**Map Identification Number 534**

RAVENSWOOD TUNNEL

QUEENS, NY

**Spill Number: 0209288****Close Date: 02/03/2003**

TT-Id: 520A-0133-865

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: TOM MARCINEK  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: ONEILL  
 Caller Agency: CON EDISON  
 Contact for more spill info: TOM MARCINEK

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/10/2002 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

1 oz spill in the tunnel. oil/water separator and there was high levels of pcb. nrc # 631321. no con ed # as of yet. they are still investigating poss causes of spill.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 E2MIS NOTES 146319

10-DEC-2002 – At 10:25 Env Sec Manager A. Schmitz #84229 reports a SPDES permit exceedence at the Ravenswood Tunnel site on

12/9/02 of unknown oil & grease. Lab results report 34.7 PPM Oil & Grease. The allowable limit is 15 PPM. Cause is unknown. There was no fire or smoke. Tunnels and Gas EH&S are investigating. CIG T.Marcinek #87549 and ERT, D.Duke #88158 notified at 10:35. As a precaution ERT Duke reported SPDES exceedence to the National Response Centre

2/3/2003

Spill was referred to Water. No enforcement will be done due to the fact that this is a unusual violation of their SPDES permit limit. The facility has been in compliance for the past 3 years. No further action.

ARS

**Map Identification Number 535** **RAVENSWOOD STATION**  
 VERNON BL

QUEENS, NY **Spill Number: 0207948**

**Close Date: 11/06/2002**  
 TT-Id: 520A-0132-963

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: BART POLLOZOTTI

DEC Investigator: JHOCONNE

Spiller: KEY SPAN

Notifier Name:

Caller Agency: KEY SPAN

Contact for more spill info: BART POLLOZOTTI

Spiller Phone:

Notifier Phone:

Caller Phone: (516) 545-5511

Contact Person Phone: (516) 545-5511

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/31/2002 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN MATERIAL | OTHER          | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

**Caller Remarks:**

caller states during excavation 2 steel drums that were buried ruptured causing content to spill – unknown liquid material spilled

some product has been vacuumed up

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

10/31/02, 1:30 PM: Spoke with Pat Van Rossem (KeySpan) – They found 2 x 550 gallon tanks encased in concrete. Tanks are likely associated with former MGP (identified on site plans as "oil tanks" or "oil drip tanks"). While contractor was breaking up the concrete, they accidentally punctured one of the tanks – some liquid leaked out into the excavation and was pumped into a frac tank. Took samples for PCBs, waste characterization. Tanks will be pumped out and then a decision will be made whether to remove or close in-place. P. Van Rossem will send lab results when received. (JHO)

11/4/02, 10:14 AM

E-mail from Pat Van Rossem:

"Jane,

On Friday, three (3) 550 gallon steel tanks were removed from the

Ravenswood Cogen. site gas compressor building area after receiving the laboratory results indicating that the water in the first two tanks was non-hazardous for PCB's (13.1 ug/l for the north tank, and 0.37 ug/l for the south tank). They were abandoned drip oil tanks remaining from the the MGP site. High PCB's are not typically associated with this type of tank but the PCB analysis was done anyway to be sure. The tanks were pumped out prior to removal.

The tanks were encased in very thick (about 18 inches thick) concrete (not in a vault), and they were in good shape upon removal. They were filled with water which is very good, and the soils around the concrete tank enclosure were not visibly affected. We did wait until later in the afternoon Friday to remove the tanks since you had indicated that you would try to visit the site Friday morning.

As we discussed on Thursday, some water was released from the tank on Thursday when the top of the tank was hit by the excavator upon discovery. This was reported as a spill (DEC Spill # 02-07948). The excavation around the tank was dewatered extensively Thursday and Friday and the pumping recovered the water that was released from the tank and transferred it to the frac. tank for proper disposal. I will also send you the PCB analytical results and some digital photos later. Please

give me a call if you have any questions. Thanks.

Pat"

**Map Identification Number 536****RAVENSWOOD POWER PLANT**

36TH AVENUE/VERNON BLVD

LONG ISLAND CITY, NY

**Spill Number: 0207386****Close Date: 10/17/2002**

TT-Id: 520A-0132-971

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Local Agency

Caller Name: FRANK BERTRAND

DEC Investigator: KMFOLEY

Spiller: SAME – KEYSPAN

Notifier Name: MR PATTERSON

Caller Agency: KEYSPAN ENERGY

Contact for more spill info: FRANK BERTRAND

Spiller Phone: (516) 545-4007

Notifier Phone: (718) 706-2753

Caller Phone: (516) 545-4007

Contact Person Phone: (516) 545-4007

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/17/2002 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 1.00             | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

water coming out of ground and mixing with oil

## DEC Investigator Remarks:

See spill # 0205735.

**Map Identification Number 537****RAVENWOOD STATION**

3854 VEERNON BLVD

QUEENS, NY

**Spill Number: 0207223****Close Date: 10/11/2002**

TT-Id: 520A-0132-984

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name: PAUL LYNCH  
 DEC Investigator: JBVOUGHT

Spiller: SAME – KEYSpan  
 Notifier Name: PAUL LYNCH  
 Caller Agency: KEYSpan ENERGY  
 Contact for more spill info: PAUL LYNCH

Spiller Phone:  
 Notifier Phone: (516) 545-2564  
 Caller Phone: (516) 545-2564  
 Contact Person Phone: (516) 545-2564

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/11/2002 |                     | OTHER          | NO                      | NO                  |

| Material Spilled  | Material Class     | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|--------------------|------------------|---------|--------------------|---------|----------------------|
| SULFURIC ACID     | HAZARDOUS MATERIAL | 5500             | POUNDS  | 0                  | POUNDS  | AIR                  |
| FORMALDEHYDE      | HAZARDOUS MATERIAL | 0                | GALLONS | 0                  | GALLONS | AIR                  |
| HYDROGEN FLUORIDE | HAZARDOUS MATERIAL | 225.00           | POUNDS  | 0.00               | POUNDS  | AIR                  |
| ARSENIC           | HAZARDOUS MATERIAL | 1.00             | POUNDS  | 0.00               | POUNDS  | AIR                  |
| ACROLEIN          | HAZARDOUS MATERIAL | 1.00             | POUNDS  | 0.00               | POUNDS  | AIR                  |

#### Caller Remarks:

cr-erns #625792. no call back needed. daily release into air. also spilling formaldehyde 140 lbs.

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead DEC Field was "VOUGHT"  
 10/11/2002-VOUGHT-Referred to Sam Lieblich (NYSDEC Air Division). SPill closed by Vought.

#### Map Identification Number 538



**RAVENSWOOD GENERATING STA**  
 RAVENSWOOD GENERATING STN

RAVENSWOOD, NY

**Spill Number: 0206787**

**Close Date: 01/03/2008**  
 TT-Id: 520A-0132-960

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: NON-MAJOR FACILITY (>1100 GAL)  
 Notifier Type: Responsible Party  
 Caller Name: MARYANN NUZZO  
 DEC Investigator: JHOCONNE

Spiller: MARYANN NUZZO – RAVENSWOOD GENERATING STA Spiller Phone: (631) 436-4227  
 Notifier Name: JIM RANDALL Notifier Phone: (631) 436-4227  
 Caller Agency: KEY SPAN Caller Phone: (631) 436-4227  
 Contact for more spill info: MARYANN NUZZO Contact Person Phone: (631) 436-4227

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/01/2002 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SURFACE WATER        |

#### Caller Remarks:

NOT CONTAINED \*\*\*\*\*THIS IS A DRILL \*\*\*\*\*

\*\*\*\* THIS IS A DRILL \*\*\*\*\*

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"  
 This spill originally sent to R1. It is in Queens County. Bob Corcoran 10/01/2002.

Closed since this was stated to be a DRILL. George Breen

**Map Identification Number 539** **RAVENSWOOD POWER STATION**  
 3854 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 0204499**

**Close Date: 08/07/2002**  
 TT-Id: 520A-0132-985

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

|                               |                                               |                                      |
|-------------------------------|-----------------------------------------------|--------------------------------------|
| Source of Spill: UNKNOWN      | Spiller: UNKNOWN                              | Spiller Phone:                       |
| Notifier Type: Other          | Notifier Name:                                | Notifier Phone:                      |
| Caller Name: MARTIN BRUSCELLA | Caller Agency: KEY SPAN ENERGY                | Caller Phone: (516) 545-2401         |
| DEC Investigator: JHOCONNE    | Contact for more spill info: MARTIN BRUSCELLA | Contact Person Phone: (516) 545-2401 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 07/30/2002 |                     | UNKNOWN        | NO                      | NO                  |

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| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| TRANSFORMER OIL  | PETROLEUM      | 30.00            | GALLONS | 0.00               | GALLONS | SURFACE WATER        |

Caller Remarks:

CALLER NOTICED SHEEN ON RIVER – STATES IT IS NOT COMING FROM HIS FACILITY – APPEARS TO BE COMING FROM THE NORTH

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

See spill # 0204491. Spoke with Frank McIntosh (KeySpan) who reported a sheen in the East River near the Ravenswood plant during the period of the fire (spill # 0204499). This sheen was observed outside KeySpan's boom, and is probably related to the foam from the Reliant transformer fire. (JHO)

**Map Identification Number 540** **VERNON SUBSTATION PH #2**  
 38-54 VERNON BOULEVARD

**Spill Number: 0202714** **Close Date: 08/27/2008**  
 LONG ISLAND CITY, NY TT-Id: 520A-0130-546

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION  
 Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: RICHARD ROACH  
 DEC Investigator: JHOCONNE

Spiller: CALLER – CON ED  
 Notifier Name: CHRISTINE KOLHER  
 Caller Agency: CON EDISON  
 Contact for more spill info: CALLER

Spiller Phone: (212) 580-6763  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 06/13/2002 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

Caller Remarks:

historical spill –

DEC Investigator Remarks:

08/27/08 – See eDocs for Con Ed report detailing cleanup and closure.

E2MIS NOTES 143359

Charles Davoren, Supervisor, reports during inspection, historic contamination was found at PH 2. The flooring consists of a removable metal plate over a sub floor. By visual inspection the surface layer underneath the sub floor appears to be stained. The quantity released is unknown, however the approximate size of contamination is 4 inches wide, for reporting purposes the volume has been entered as –1 gallon. This plant is known to have a concrete moat. The substance is unknown, however it is likely to be identified as dielectric fluid. The source of contamination is unknown. The cause of contamination is unknown. There is no active fire/smoke at this time. Release to sewer/waterway is not verified at this time. No private property has been affected. A station remediation plan will be prepared to determine the priority order for addressing this and other historic incidents as per SSO's letter to NYSDEC region II dated February 20, 2002. Housekeeping and maintenance activities, as required, will be documented.

e2mis no 157793

3/25/05 10:35 HRS A. ROTOLA #49961 SEN SUB–STA OPER REPORTS FINDING APPROX 10 OZ OF DIELECTRIC OIL LEAKED FROM VALVE#37 AT PUMPHOUSE #2 IN VERNON SUB–STA ONTO SOIL. THIS WAS FOUND WHILE DOING ROUTINE STATION INSPECTIONS. THERE WAS NO SEWERS, WATERWAYS, OR PRIVATE PROPERTY AFFECTED. THE SOURCE OF THE SPILL IS THE VALVE ITSELF, WHICH HAS BEEN TURNED IN FOR REPAIR. ABSORBENT PADS HAVE BEEN PLACED UNDER THE VALVE, AND THE OIL IS A KNOWN NON PCB OIL. ENV STOP TAG# 1420101 HAS BEEN PLACED BY THIS VALVE.

See eDocs for 2008 Substation Inspection Findings and for response from Con Edison relative to this spill.



**Map Identification Number 541****RAVENSWOOD POWER STA**

3854 VERNON BLVD

QUEENS, NY

**Spill Number: 0110271****Close Date: 03/06/2007**

TT-Id: 520A-0132-987

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: MIKE ISAKSEN

DEC Investigator: JHOCONNE

Spiller: SAME – KEYSpan ENERGY

Notifier Name:

Caller Agency: KEYSpan-LIPA

Contact for more spill info: JACK RADAK

Spiller Phone:

Notifier Phone:

Caller Phone: (516) 545-4007

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/24/2002 |                     | OTHER          | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 5.00             | GALLONS | 5.00               | GALLONS | SOIL                 |

**Caller Remarks:**

while doing an excavation for a power generator at location a slug

of #6 fuel was found – approx 5 gal – all material cleaned up

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

1/24/02: On site with Steve Sellinger (DER on-site inspector for MGP cleanup) – he showed me excavation north of fresh water reservoir where 2" and 6" fuel oil lines had been removed over the weekend (1/19 to 1/21). Small amount of oil visible in pockets along the length of the excavation floating on groundwater. The excavation is approximately 25' long x 2' wide. I told Jack Rodak (KeySpan construction manager) to call this in as a new spill since we did not have any historical findings in this area. Also instructed him to place pads in excavation to absorb the oil. (JHO)

1/25/02 – spoke with Bob Cantagallo (Foster Wheeler) and told him spill had still not been reported to the Hotline. Also asked him to coordinate with Jack Rodak to collect soil samples. (JHO)

See eDocs for site photos. (JHO)

see eDocs for closure request. Breen

**Map Identification Number 542****RAVENSWOOD TUNNEL HOUSE**

VERNON BLVD &amp; 37TH AVE

QUEENS, NY

**Spill Number: 0108854****Close Date: 02/19/2002**

TT-Id: 520A-0132-968

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: JIMMY FOX  
 DEC Investigator: KMFOLEY

Spiller: UNKNOWN  
 Notifier Name: MR COOK  
 Caller Agency: CON EDISON  
 Contact for more spill info: JIMMY FOX

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 12/05/2001 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1.00             | GALLONS | 1.00               | GALLONS | SOIL                 |

**Caller Remarks:**

about 4ozs of product – still investigating were it came from ref #140490

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"

12-6-01 Foley spoke with Victor Basso. Will update e2mis report to reflect that substance was packing grease coming from valves above. Con Ed has generator knowledge that packing grease is non-PCB.

**Map Identification Number 543****RAVENSWOOD TUNNEL**

40TH AVE/VERNON BL

NEW YORK, NY

**Spill Number: 0105168****Close Date: 08/13/2001**

TT-Id: 520A-0132-755

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: JHOCONNE

Spiller: CON EDISON

Notifier Name: MR MCKENNA

Caller Agency: CON EDISON

Contact for more spill info: RICHARD ROACH

Spiller Phone: (212) 580-6763

Notifier Phone: (914) 925-6206

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/13/2001 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 1.00             | GALLONS | 1.00               | GALLONS | SOIL                 |

**Caller Remarks:**

ABOVE MATERIAL SPILLED AT ABOVE LOCATION DUE TO VALVE FAILURE.

ALL MATERIAL RECOVERED. AMOUNT REPORTED AS 1/2 PINT. CON ED

#138895.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
CON ED E2MIS REPORT

While doing an inspection at the Ravenswood Tunnel a spill of 0.5 pt of lubricating oil from a gas main ROV vavle was discovered outside the tunnell. The spill was contained to an area of bluestone and did not enter any sewers/wayerways or subsurface structures. The spill was cleaned up with spill kit and the area of bluestone was removed from the area in plastic bags. The fiting on the valve was tightened and this stopped the spill.

**Map Identification Number 544****VERNON SUBSTATION PH 6**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 0013286****Close Date: 08/27/2008**

TT-Id: 520A-0130-508

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: RICHARD ROACH  
 DEC Investigator: JHOCONNE

Spiller: CALLER – CON ED  
 Notifier Name: MR NEVILLE  
 Caller Agency: CON EDISON  
 Contact for more spill info: RICHARD ROACH

Spiller Phone: (212) 580-6763  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 580-6763  
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 03/20/2001 |                     | UNKNOWN        | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 0                | GALLONS | 0                  | GALLONS | SOIL                 |

**Caller Remarks:**

2 oz oil found in soil and approx 2ft by 3 ft area with and oil smell to it. clean up pending test results – con ed 136-014

**DEC Investigator Remarks:**

08/27/08 – See eDocs for Con Ed report detailing cleanup and closure.

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"  
 Con Ed e2mis #136014:

3/20/01 1312hrs – Anthony Rotola # 49961 Sr. S/O S/S Operations reports he found 2 oz unknown oil in excavation on w/s Pump House # 6 and on e/s Pump House # 6 excavation he found 2' x 3' area of dark soil with petroleum odor at Vernon Station. He advised me foreman will have chemlab come to location to take sample and flashpoint. Env tag # 142-0150. Clean up pending test results. Will advise of chain of custody # when chemlab/foreman arrives.

3/30/01 13:20

As per hard copy documentation, cleanup completed by McEnerney #27908 on 3/20/01 at 13:35hrs. Liquid/solids were

removed/recovered, absorbents were used to remove residual fluids, and visible traces of oil were removed. An absorbent sock was placed at the west end of PH #6 foundation. There was no visible oil after cleanup was completed.

4/4/01 17:05

LSN# 01-02935 indicates < 1.00 ppm PCB. No repairs necessary.

~~~~~

6/24/03: Verify no contamination under pumphouse – SSO survey indicates "not verified". (KMF)

See eDocs for 2008 Substation Inspection Findings and for response from Con Edison relative to this spill.

Map Identification Number 545



38-54 VERNON BLVD

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 0013037

Close Date: 11/12/2002

TT-Id: 520A-0132-759

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: FRANK BERTRAND
DEC Investigator: KMFOLEY

Spiller: CALLER – KEYSpan ENERGY
Notifier Name: DDAN O'DONNELL
Caller Agency: KEYSpan ENERGY
Contact for more spill info: DAN O'DONNELL

Spiller Phone:
Notifier Phone:
Caller Phone: (516) 545-4007
Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/13/2001		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	5.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks:

overflow due to rain classified as 3

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
3/14/01

Met with Dom DiGiorgio. S&D Environmental was on-site yesterday sweeping up the muck and sheen from East River. Overflow during heavy rainfall occurred from city storm sewer. DiGiorgio stated this has happened before. DEP and Coast Guard were both on-site yesterday. Storm sewer outfall is located approx 200' south of intake tunnel of #1. DiGiorgio also mentioned that an employee reports having seen an oil truck spill about 50gal into street last week along Vernon Boulevard. (KMF)

11/12/02 Received letter from B.J. Polizzotti (forwarded from Region 1) dated 10/29/02. Requests closure for spill. Included spill incident report, spill incident form, and spill notification directory.

Incident report describes spill as approx 5gal that appears to be #6 oil within containment boom. Possibly sewage. Heavy rain is a possible cause. Sewage drain or barge is a possible source. S&D Environmental is the contractor.

Incident form indicates oil spill contingency implementing procedure (OSCIP) started. Made appropriate notifications.

Map Identification Number 546**RAVENSWOOD POWER STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 0006765**Close Date: 01/16/2001**

TT-Id: 520A-0132-760

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: DOUG VOOS
DEC Investigator: JHOCONNE

Spiller: UNKNOWN – UNKNOWN
Notifier Name: MR PATTERSON
Caller Agency: KEYSpan ENERGY
Contact for more spill info: DOUG VOOS

Spiller Phone:
Notifier Phone: (718) 706-2753
Caller Phone: (516) 545-4007
Contact Person Phone: (516) 545-4007

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/07/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

stain of unknown origin on the bluestone – samples taken and clean up pending lab results –

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Informantion received from KeySpan indicates that samples similar to extremely weathered turbine lube oil. All PCB results <1 ppm. Soil drummed.

Map Identification Number 547 **RAVENSWOOD SUB STATION**
 12TH & 36 AV

QUEENS, NY

Spill Number: 0003044

Close Date: 06/14/2000
 TT-Id: 520A-0132-978

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Citizen

Caller Name: CHRIS SAUER

DEC Investigator: MXTIPPLE

Spiller: RAVENSWOOD SUB STATION

Notifier Name: CHRIS SAUER

Caller Agency: CITIZEN

Contact for more spill info:

Spiller Phone:

Notifier Phone: (718) 204-7011

Caller Phone: (718) 204-7011

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/11/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

YELLOWISH COLORED SMOKE COMING FROM STATION – LARGE AMOUNT –

CALLER NOTICED THIS AS HE WAS DRIVING BY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
KEYSPAN OWNS FACILITY

GENERAL SUPERVISOR PAT MCHUGH STARTED THE GAS TURBINES DUE TO THE LARGE ENERGY DEMAND FROM THE HOT WEATHER.

THE SMOKE WAS GENERATED BY THE TURBINES.

Map Identification Number 548



CORNELL UNIVERSITY
416 EAST 55TH STREET

NEW YORK, NY

Spill Number: 0603086

Close Date: 06/27/2006

TT-Id: 520A-0097-657

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 2518 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: SMSANGES

Spiller: JAMES CRANDELL – CORNELL UNIVERSITY
Notifier Name:
Caller Agency:
Contact for more spill info: JAMES CRANDELL

Spiller Phone: (212) 746-6201
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 746-6201

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/20/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
REFRIGERANT	OTHER	70.00	POUNDS	0.00	POUNDS	AIR

Caller Remarks:

WHILE WORKING ON SYSTEM IT FAILED CAUSING RELEASE

DEC Investigator Remarks:

One time event during service. No remediation available.

Spill Closed

Map Identification Number 549 **346 EAST 56TH STREET**
 346 EAST 56TH STREET

MANHATTAN, NY

Spill Number: 9313655

Close Date: 02/21/1994
 TT-Id: 520A-0096-755

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2572 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name: BARBARA BEOAHANY
 DEC Investigator: SIGONA

Spiller: MYSTIC TRANSPORT.
 Notifier Name:
 Caller Agency: MYSTIC TRANSPORT.
 Contact for more spill info:

Spiller Phone: (718) 932-9075
 Notifier Phone:
 Caller Phone: (718) 932-9075
 Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Unable or Unwilling RP – DEC Field Response – DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/21/1994	02/21/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL ON THE CONCRETE SIDEWALK, MYSTIC IN SENDING A CLEAN UP CONTRACT. WILL NOTIFY THE DEP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 550 **VERNON SUBSTATION**
 VERNON BLVD & 41ST ST

LONG ISLAND CITY, NY

Spill Number: 9501751

Close Date: 09/30/2003
 TT-Id: 520A-0130-518

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2575 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: 11101

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name: RICHARD ROACH
 DEC Investigator: CAENGELH

Spiller:
 Notifier Name:
 Caller Agency: CON EDISON
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6764
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/11/1995		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
NON PCB OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

APPROXIMATELY 1 QT. – CONTAINED, IN PROCESS OF BEING CLEANED. TRANSFORMER LEAK.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 6/23: Mr. Cribbin, CIG – above ground transformer, 0 ppm PCBc.

6/27: Gail O'Neil, Shift Supervisor – chem lab sampling @ 0800 hrs for PCB analysis. "Potential transformer" – used to be metering. In process of re-gasketing and making new gaskets – outage scheduled for October. Replacing pads on regular basis. Transformer holds only ~5 gallons.

6/30: Gail O'Neil – checked PCB at Section 1E – 4mg/100 cm2.

1/21/03 Inspected substation and found area cleaned and repaired. (KMF)

Con Ed e2mis #106562:

5/11/95 1230hrs

Transformer oil leak on bus section 1E of PT (C-phase). 1gal leaked to bluestone. Pads were placed and leak contained. LSN 95-06142-001, no PCB level given. Pending replacement.

10/3/99 1200hrs

During inspection with supervisor Mike Bonanno and Peter Sudol, it was decided that the status of the leak be changed to active. Chem Lab called to sample bluestone prior to contacting a contractor for the disposal of oily debris.

1/13/03 1815hrs

Area under 1E C-Phase PT was inspected and found to be free of any staining. It is evident that the PT was replaced since the last inspection. NYSDEC inspection of station scheduled for 1/21/03.

Map Identification Number 551**VERNON SUBSTATION**

VERNON AVENUE AT 41ST ST

QUEENS, NY

Spill Number: 0208414**Close Date: 01/24/2003**

TT-Id: 520A-0130-536

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2575 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 11101

Source of Spill: UNKNOWN
 Notifier Type: Responsible Party
 Caller Name: SEAN MCKEAVER
 DEC Investigator: AERODRIG

Spiller: CON ED
 Notifier Name: SEAN MCKEAVER
 Caller Agency: CON ED
 Contact for more spill info: SEAN MCKEAVER

Spiller Phone: (212) 580-6763
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/14/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CONTAMINATED SOIL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
 Con Ed e2mis #146010:

14-NOV-2002 0800HRS P SUDOL # 80493 EHS MANAGER REPORTS THAT E. MCINERNEY # 27908 CONST MANAGEMENT REPORTED TO HIM THAT HE FOUND 1 GALLON UNKNOWN YELLOW SUBSTANCE ON A 4' X 16' AREA 1" DEEP ON BLUE STONE AND DIRT. FOUND WHILE INSPECTING. NO ELECTRIC EQUIPMENT IN AREA. NO FIRE OR SMOKE. NO PRIVATE PROPERTY AFFECTED. NO INJURIES. NO SEWERS OR WATERWAYS AFFECTED. THIS JOB WAS CALLED INTO CIG BY P. SUDOL BEFORE THE 2 HOUR TIME LIMIT AND REPORTED TO THE DEC. CONFIRMED THIS WITH CIG MCKEEVER @ 1012HRS. WILL SAMPLE THIS WHEN CHEM LAB COMES TO JOB SITE.

DEC Notes:

11/14/02 Foley inspected area of contaminated soil with Pete Sudol. During construction to install a feeder across the property, a patch of discolored soil was found (4'X14'X1"). Appears to be "spray-on" black asphalt material (not yellow as stated above) which we saw at Jamaica Substation. It was explained then (by Al Butler) that it was commonly used to provide a working surface. Samples were taken to characterize the soil. It will be treated as hazardous until sample results return. There is no oil filled equipment in this area.

1/24/03 Received analytical results from Pete Sudol. Inspected excavation on 1/21/03. No contamination evident. Con Ed in the process of installing feeders to Keyspan property.

Map Identification Number 552



MANHOLE 15865

VERNON SUB STATION

QUEENS, NY

Spill Number: 0008449

Close Date: 04/05/2002

TT-Id: 520A-0130-550

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2575 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 11101

Source of Spill: UNKNOWN
 Notifier Type: Responsible Party
 Caller Name: PETER MCGUIRE
 DEC Investigator: OKWUOHA

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency: CON ED
 Contact for more spill info: CALLER

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6765
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/19/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SEWER

Caller Remarks:

1 GALLON ON 7,000 GALLONS WATER. CON ED # 134007

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.
Map Identification Number 553**RETAIL STORE**
1273 3RD AVE

MANHATTAN, NY

Spill Number: 0501179**Close Date: 05/05/2005**
TT-Id: 520A-0103-833**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2583 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: MALORY GILMORE
 DEC Investigator: SMSANGES

Spiller:
 Notifier Name: MALORY GILMORE
 Caller Agency: NYCDEP
 Contact for more spill info: RENEE

Spiller Phone:
 Notifier Phone: (212) 689-1520
 Caller Phone: (212) 689-1520
 Contact Person Phone: (212) 535-5577

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/28/2005		UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

UNSURE WHAT HAPPENED

DEC Investigator Remarks:

5/5/2005 Sangesland spoke to "Matt" manager of the retail store that Renee called from. On 4/28/2005 they smelled oil and called the fire dept. Small spill was found outside of building. No spill in basement.

All cleaned- Spill closed

Map Identification Number 554**315 E. 56TH ST**

315 E. 56TH ST

NEW YORK, NY

Spill Number: 9408873**Close Date: 08/07/1995**

TT-Id: 520A-0096-025

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2584 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Federal Government

Caller Name: P.O. PICKERING

DEC Investigator: SMMARTIN

Spiller: APT BLDG

Notifier Name:

Caller Agency: U.S.C.G.

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 668-7920

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/04/1994	08/07/1995	OTHER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	AIR

Caller Remarks:

ALSO CALL DEP-NO ONE IS GOING OUT YET

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

10/10/95: This is additional information about material spilled from the translation of the old spill file: SMOKE.

Map Identification Number 555**SPECIAL OPS COMMAND**

750 EAST MAIN ST/RANDALLS

NEW YORK, NY

Spill Number: 9612613**Close Date: 11/03/2003**

TT-Id: 520A-0096-948

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2597 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 750 EAST MAIN ST

Revised zip code: 10044

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: MICHAEL BYRNE

DEC Investigator: JMKRIMGO

Spiller: ANTHONY MARINO - NYC DEPT OF DESIGN & CONS

Notifier Name:

Caller Agency: URS CONSULTANTS

Contact for more spill info: ANTHONY MARINO

Spiller Phone: (212) 669-8286

Notifier Phone:

Caller Phone: (716) 856-5636

Contact Person Phone: (212) 669-8286

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/03/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DID BORINGS ON 12/03/96, SOIL SAMPLES JUST CAME BACK EXCEEDING

NYS DEC STARS LIMITS IN SVOCS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
Remediation completed . See DDC file. NFA/Site Closed (12/21/01).

Map Identification Number 556**QUEENS BRIDGE PARK**
CRNR OF VENNA AND 41ST

QUEENS, NY

Spill Number: 1010093**Close Date: 01/05/2011**
TT-Id: 520A-0259-664

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING – LARGE SITE
Approximate distance from property: 2611 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: VERNON BLVD / 41ST AVE
Revised zip code: 11101

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Other

Caller Name:

DEC Investigator: smsanges

Spiller: UNK

Notifier Name:

Caller Agency:

Contact for more spill info: PARKS DEPT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
12/22/2010		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	0	UNKNOWN	0	UNKNOWN	IMPERVIOUS SURFACE

Caller Remarks:

cleanup in

DEC Investigator Remarks:

spill from a bus. TA did cleanup. No drain impacted.

Map Identification Number 557**DUANE READE DRUG STORE**
300 EAST 57TH STREET

MANHATTAN, NY

Spill Number: 0711785**Close Date: 01/29/2009**
TT-Id: 520A-0214-776

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2630 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	MANHATTAN FIRE – DUANE READE DRUG STORE	Spiller Phone:	
Notifier Type:	Fire Department	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	jbvought	Contact for more spill info:	MANHATTAN FIRE	Contact Person Phone:	(212) 628-2901

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended

02/08/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	1000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

IN BASEMENT AND UNKNOWN CAUSE: FIRE DEPT ON SCENE

DEC Investigator Remarks:

02/08/08–Vought–Site visit by Vought and NYCFD and OEM Richard Wilde (ph: 718–422–8468 fax:718–422–8939) onsite with building management company Laurnece Jaret (ph:212–407–2537 fax:212–407–2677). Approximately 350 gallons of #6 fuel oil spilled into boiler room. Cause of spill as per Jaret was oil filter was being repaired yesterday and spill was caused this morning with no recent deliveries indicating poor maintenance of system and hence sole responsibility of building owners. No vapor complaints from resident to date and basement being ventilated via leaving doors open during cleanup. Boiler room floor well sealed with epoxy over poured concrete floor (no pathways to subsurface) and sump filled with oil and disconnected. DEP enroute to scene. Unable to confirm cause of spill as three inches of oil on floor and unable to examine exact location of spill.

Vought sent CSL with above requirement and one month due date to:

Mr. Laurence Jaret
Rudin Management Company, Inc.
345 Park Avenue
New York, NY 10154
Fax: (212) 407-2677

Vought called NYCOEM Wilde and left message that he was sent fax of letter to Jaret.

01/29/09–Vought–Spill closed due to no impact of petroleum to soil or groundwater and cleanup of spill by AL Eastmond.

Map Identification Number 558 **APARTMENT BUIDLING**
 222 EAST 75TH ST

MANHATTAN, NY

Spill Number: 0402263**Close Date: 09/20/2004**
TT-Id: 520A-0097-212

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2631 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Fire Department

Caller Name: FIREFIGHTER SGRO

DEC Investigator: MXTIPPLE

Spiller:

Notifier Name: FIREFIGHTER SGRO

Caller Agency: FDNY

Contact for more spill info:

Spiller Phone:

Notifier Phone: (917) 769-0483

Caller Phone: (917) 769-0483

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/31/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

5 – 10 GALLONS INTO THE SUMP OF A MUTIPLE DWELLING RESIDENCE. UNK IF THE SUMP GOES INTO THE SEWER. THERE DOES NOT APPEAR TO BE ANYTHING INTO THE WATERWAYS AT THIS TIME. CLEANUP IS IN PROGRESS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"

On 6/2/04 PTC serviced system, all cleaned prior to their arrival ///nfa



CLOSED STATUS HAZARDOUS SPILLS – MISC. SPILL CAUSES – EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, AND VANDALISM – IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.
 All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 559
ON STREET

E. 68TH ST / YORK AVE

MANHATTAN, NY

Spill Number: 9804696
Close Date: 08/27/1998

TT-Id: 520A-0099-022

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 56 feet to the NNW*

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PASSENGER VEHICLE

Notifier Type: Other

Caller Name: RICARDO FREYRE

DEC Investigator: MMMULQUE

Spiller: ACCIDENT

Notifier Name: WADE WONG

Caller Agency: NYS DEP

Contact for more spill info: ABOVE CALLER

Spiller Phone:

Notifier Phone:

Caller Phone: (718) 595-6777

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/15/1998		TRAFFIC ACCIDENT	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
ASBESTOS	HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

2 cars in traffic accident – spill to roadway only – happened because of large water-main break – a release of asbestos into air also

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"

Map Identification Number 560



NY HOSPITAL COMPLEX
68TH STREET / YORK AVE

NEW YORK, NY

Spill Number: 9414772

Close Date: 02/12/2003

TT-Id: 520A-0098-996

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
Approximate distance from property: 56 feet to the NNW*

ADDRESS CHANGE INFORMATION

Revised street: E 68TH ST / YORK AVE
Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: TOM HALL

DEC Investigator: MCTIBBE

Spiller: LEHRER MCGOVERN BOVIS

Notifier Name:

Caller Agency: LEHRER MCGOVERN BOVIS

Contact for more spill info:

Spiller Phone: (212) 746-5888

Notifier Phone:

Caller Phone: (212) 592-6700

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/09/1995		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	4000	POUNDS	0	POUNDS	AIR

Caller Remarks:

CONTRACTOR STRUCK A VALVE ON A PIECE OF REFRIGERENT MACHINERY CAUSING LEAK. EVACUATION OF ADJOINING ROOMS AWAITING REPAIR MAN. FAXED TO DEC HAZMAT -3:15PM

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"

10/10/95: This Is Additional Information About Material Spilled From The Translation Of The Old Spill File: Freon 22.2/12/2003-Closed Due To The Nature / Extent Of The Spill Report.

Map Identification Number 561**VAULT Z2166**

1188 YORK AVE

MANHATTAN, NY

Spill Number: 9913111**Close Date: 02/27/2002**

TT-Id: 520A-0099-000

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 91 feet to the NNW*

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: MIKE CESARE

DEC Investigator: JHOCONNE

Spiller: CALLER – CON ED

Notifier Name: MARCY

Caller Agency: CON EDISON

Contact for more spill info: CALER

Spiller Phone: (212) 580-6763

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/17/2000		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	30.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

defective transformer was the cause clean up is pending lab results contained in a vault coned#130032 no callback necessary

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Map Identification Number 562**ROCKEFELLER UNIVERSITY**

1230-52 YORK AVE

MANHATTAN, NY

Spill Number: 0905644**Close Date: 08/20/2009**

TT-Id: 520A-0232-090

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 91 feet to the NNW*

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	BRENDAN BOLGER – ROCKEFELLER UNIVERSITY	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	HRAHMED	Contact for more spill info:	BRENDAN BOLGER	Contact Person Phone:	(212) 327-8425

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/13/2009		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	PETROLEUM	100.00	GALLONS	100.00	GALLONS	

Caller Remarks:

LEAKING PISTON IN THE ELEVATOR SHAFT ABOUT 100 GALLONS SPILLED TO THE CONCRETE PIT. CLEAN UP PENDING.

DEC Investigator Remarks:

Sangesland spoke to Mr. Bolger of the Facilities/Engineering Dept at the University – His cell # 917-440-6700
 The piston on the elevator shaft was leaking and approx 100gal of hydraulic oil spilled to the elevator pit floor. Area is totally contained.
 He will hire someone to pump out the oil, clean the pit and then repair the system.

8/20/2009 E-mail to DEC from Mr. Bolger at the University:

Hydraulic Oil Spill Completion Report.
 Rockefeller University
 1230 York Ave. NY 10021.

On August 13th at 1.30pm I received a report that there was an oil leak in the elevator pit at Abby Aldrich Hall. on the campus of Rockefeller University, at 1230 York Ave. NY 10021.
 The elevator was taking out of service, which stopped the leak at 1.40pm.

The leak was coming from the piston rings in the elevator pit, all hydraulic oil was contained in the pit and there was no damage to the environment.

A.B.oil Service LTD.1599 Ocean Avenue, Bohemia NY.11716. Telephone # 631-567-6545.

State ID #NYD987023371. was called to vacuum out the pit and they placed absorbent pads on the floor*.*

Type of waste generated, liquid and solid, Manifest Document No 61470.

The elevator piston will be repaired or replaced before the elevator is placed back in service.

Sincerely Yours
Brendan F Bolger
Chief Engineer and Manager
Office. 212-327-8425.
Cell. 917-440-6700.

08/19/09-HRAHMED-Spoke to Mr Bolger. As per him spill was contained in elevator pit and their contractor vacuumed all the oil from there. They will keep the elevator out of service until they fixed the piston which spilled the oil.

This case is closed.

Map Identification Number 563



BOILER ROOM
1230 YORK AVE

MANHATTAN, NY

Spill Number: 0702354

Close Date: 05/29/2007
TT-Id: 520A-0099-003

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 91 feet to the NNW*

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: jbvought

Spiller: BOILER ROOM
Notifier Name:
Caller Agency:
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/26/2007		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	40.00	GALLONS	40.00	GALLONS	SOIL

Caller Remarks:

oil was spilled during a transfer operatiopn-contained within brick wall 2nd containment-being picked up with absorbent pads-cleanup underway-

DEC Investigator Remarks:

05/29/2007-Vought-Off hours responder. Vought called and spoke to Bolger and spill caused by opening wrong valve during oil transformer. Oil was removed from containment by speedy dry which was drummed and drums will be removed. Secondary containment has no cracks or crevices. No sewers or drains were affected. Some odors in building and basement was ventilated with exhaust fans and no further complaints have been received. Tanks were 18,500-gallons. Tank is registred and registration was renewed last year. Spill closed due to no release to subsurface. Tank location in basement of ten stories with poured concrete basement.

Map Identification Number 564**POWER PLANT**

1188 YORK AVE

MANHATTAN, NY

Spill Number: 0404363**Close Date: 07/23/2004**

TT-Id: 520A-0098-999

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 91 feet to the NNW*

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill: COMMERCIAL VEHICLE

Notifier Type: Responsible Party

Caller Name: BRENDAN BOLGER

DEC Investigator: MXTIPPLE

Spiller: BRENDAN BOLGER - ROCKEFELLER UNIVERSITY

Notifier Name: BRENDAN BOLGER

Caller Agency: ROCKEFELLER UNIVERSITY

Contact for more spill info: BRENDAN BOLGER

Spiller Phone: (212) 327-8425

Notifier Phone: (212) 327-8425

Caller Phone: (212) 327-8425

Contact Person Phone: (212) 327-8425

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/23/2004		HUMAN ERROR	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	30.00	GALLONS	30.00	GALLONS	SOIL

Caller Remarks:

DELIVERY DRIVER FAILED TO "SWITCH VALVES FAST ENOUGH" WHEN DELIVERING CAUSING RELEASE ONTO CONCRETE. SPILL WAS CONTAINED AND

CLEANED UP. DELIVERY COMPANT IS MISTIC BULK CARRIERS (718-932-9075).

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
7/23/04 calls out to Mystic and University to confirm that cleanup has been completed.

Brendan Bolger, the facilities super at Rockefeller University had seven workers on the site, and conducted a training drill to clean the spill. The cleanup was completed in record time and the response training was a success//No further action necessary

Map Identification Number 565 **ROCKEFELLER UNIV ENGINE R** **Spill Number: 0314200** **Close Date: 03/30/2004**
 1230 YORK AVE NEW YORK, NY TT-Id: 520A-0099-001

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
Approximate distance from property: 91 feet to the NNW*

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: 10021

Source of Spill: NON-MAJOR FACILITY (>1100 GAL)	Spiller: BRENDON BOLGER – ROCKEFELLER UNIVERSITY	Spiller Phone: (212) 327-8425
Notifier Type: Other	Notifier Name: RICHARD MORALES	Notifier Phone: (212) 327-8421
Caller Name: BRENDON BOLGER	Caller Agency: ROCKEFELLER UNIVERSITY	Caller Phone: (212) 327-8425
DEC Investigator: SMSANGES	Contact for more spill info: BRENDON BOLGER	Contact Person Phone: (212) 327-8425

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/26/2004		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	10.00	GALLONS	10.00	GALLONS	SOIL

Caller Remarks:

pressure gauge blew – material was contained and then completely cleaned up with absorbent material

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

3/30/2004 Sangesland spoke to Brenden Bolger of the University Facilities Dept. He said a pressure gauge on a line blew in the basement boiler room and spilled about 2 gallons of oil to the floor. No drains were involved, nothing was released to the environment. In plant maintenance cleaned it up.

Spill Closed

Map Identification Number 566



ROCKEFELLER UNIVERSITY
1230 YORK AV

MANHATTAN, NY

Spill Number: 0010990

Close Date: 03/09/2006

TT-Id: 520A-0099-002

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 91 feet to the NNW*

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Responsible Party

Caller Name: BRENDAN BOLGER

DEC Investigator: JMZALEWS

Spiller: BRENDAN BOLGER – ROCKEFELLER UNIVERSITY

Notifier Name: MECHANIC

Caller Agency: ROCKEFELLER UNIVERSITY

Contact for more spill info: BRENDAN BOLGER

Spiller Phone: (212) 327-8425

Notifier Phone:

Caller Phone: (212) 327-8425

Contact Person Phone: (212) 327-8425

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/08/2001		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	15.00	GALLONS	15.00	GALLONS	SOIL

Caller Remarks:

LEAKING PIPE. COVERED WITH ABSORBANT PADS AND IS IN SECONDARY CONTAINMENT AREA.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
01/26/04

Transferred from Rommel to Austin

02/17/04: Reassigned from AUSTIN to KRIMGOLD.

09/09/2005 – Changed DEC lead from Krimgold to Zalewski. (Zalewski)

03/9/2006 – Placed a phone call to Brendan Bolger (Rockefeller University). He checked his records and stated that this spill was the result of a leaking fuel oil line at their power plant. He said that the oil line runs in a three foot deep concrete "trench" that is sloped back towards a sump that has manually operated valves for the ejectors. The line was isolated and the leaking section was cut and replaced. The trench was cleaned by in-house staff and the oily debris was collected in a drum and disposed under the facility's solid waste permit. (Zalewski)

Map Identification Number 567



440 E 67ND ST

MANHATTAN, NY

Spill Number: 0006107

Close Date: 08/23/2000

TT-Id: 520A-0099-018

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 199 feet to the NW*

ADDRESS CHANGE INFORMATION

Revised street: 440 E 67TH ST

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: JOHN EMMS

DEC Investigator: MCTIBBE

Spiller: CALLER – AMERADA HESS

Notifier Name: MANUEL FIGUEROA

Caller Agency: AMERADA HESS

Contact for more spill info: CALLER

Spiller Phone:

Notifier Phone:

Caller Phone: (201) 489-5100

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/23/2000		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER ADVISED BAD GAGUE GAVE DRIVER WRONG INFORMATION CAUSING SPILL. CREW IS ENROUTE TO CLEANUP SPILL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"

CLEANED BY OIL CO.

Map Identification Number 568 **445 EAST 68TH STREET**
 445 EAST 68TH STREET

MANHATTAN, NY

Spill Number: 9212921**Close Date: 06/20/2000**

TT-Id: 520A-0096-002

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 255 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: WILLIAM RIVERA

DEC Investigator: TOMASELLO

Spiller: PHIPPS HOUSES SERV,INC.

Notifier Name:

Caller Agency: PHIPPS HOUSES SERV,INC.

Contact for more spill info:

Spiller Phone: (212) 249-9644

Notifier Phone:

Caller Phone: (212) 249-9644

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/17/1993		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

OIL APPEARS IN 3X3 PIT IN FRONT OF BOILER IN BASEMENT -APPEARS TO BE LINE LEAK -A.L. EASTMOND ENROUTE FOR CLEANUP AND REPAIR

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 569 **MANHOLE M57127**
 YORK AVE AND EAST 69TH STREET

NEW YORK, NY

Spill Number: 0813054**Close Date: 04/21/2009**

TT-Id: 520A-0226-328

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 295 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: YORK AVE / EAST 69TH STREET

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Local Agency	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: RWAUSTIN	Contact for more spill info: ERT	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/05/2009		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	14.00	GALLONS	0.00	GALLONS	

Caller Remarks:

Clean up pending safety condition.

DEC Investigator Remarks:

4/21/09 – Austin – Leaking drain tanks in vault. Contained and cleaned by Con Ed – closed – end

Map Identification Number 570



NYC TRANSIT
YORK AVE & 69TH STREET

MANHATTEN, NY

Spill Number: 0804834

Close Date: 07/28/2008
TT-Id: 520A-0222-438

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 295 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: YORK AVE / E 69TH ST
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE	Spiller: CHRISTINE – NYC TRANSIT	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: smsanges	Contact for more spill info: CHRISTINE	Contact Person Phone: (646) 252-5939

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
07/28/2008		EQUIPMENT FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ANTIFREEZE		OTHER	5.00	GALLONS	5.00	GALLONS	SOIL

Caller Remarks:

ON A BUS AND CLEANED

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 571



MANHOLE 57127

EAST 69TH/YORK AVE

NEW YORK, NY

Spill Number: 0407811

Close Date: 10/23/2006

TT-Id: 520A-0095-157

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 295 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: E 69TH ST / YORK AVE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Responsible Party

Caller Name: PAUL DEDONOTO

DEC Investigator: JHOCONE

Spiller: ERT DESK - MANHOLE 57127

Notifier Name: PAUL DEDONOTO

Caller Agency: CONED

Contact for more spill info: ERT DESK

Spiller Phone: (212) 580-8383

Notifier Phone: (212) 580-6764

Caller Phone: (212) 580-6764

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
10/14/2004		VANDALISM	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DEENERGIZE OF TRANSFORMER BEFORE CLEAN UP: CONED # 155820 NO TO 5 QUESTIONS

DEC Investigator Remarks:

10/23/06 – See e-docs for Con Ed report detailing cleanup and closure.

e2mis no. 155820:

10-14-04 11:15

@ 10:40 UG Mech. T. Lopez #85886. Discovered a spill, of 1 pint of insulatum in manhole 57127, located 22' S/E/C E 69 ST YORK AVE in the ctr lane. This is a leaking feeder. (de-fault hole). Drip rate can't be determined by reporter. De-fault tag # 00756. Source of spill; joint. Two samples taken 1 oil id and 1 pcb. No sewer connection.

10/15 @ 00:15

Lab Sequence Number: 04-08374-001 Analysis indicates the presence of a cable oil.

10/15 @ 02:55

Lab Sequence Number: 04-08373-001 TOTAL PCB 818 ppm

Update 12-2-04 @ 11:50

As per mcc shift manager J Mejias, this incident is still pending positive identification of feeder and d-fault repair.....J Moran #01182

Cleanup setup for 23:00 HRS on 12/4

Transportation notified and faxed documentation for an OVER 50 tanker UG notified through Feeder control Vector services notified and faxed documentation

12/4 @ 21:45

Cleanup made to be re-scheduled due to lack of crews needed for a Feeder outage cleanup # 156462

D.Brunner#90216, of the underground, notified the control center on 12/10/04 at 05:45hrs. to report the partial cleanup in M57127 was completed. There was one barrel of debris removed and approx. 100 gallons of oil and water mixed removed from M57127. The liquids were removed via tanker. The method used to clean was, triple washed with slix. The yellow environmental tag #41964, was left in place pending the results of the wipe samples test. The cleanup crew were;

D.Brunner#90216, J.Miller#87417 and L.Morales#74700. The source of the spill was a leaking joint, that has since been removed and replaced. The partial cleanup was completed on 12/10/04 at 05:00hrs.

12-17-04

Lab Sequence Number: 04-10449-001

TEST POINT	RESULTS

1	< 1.0

2	< 1.0
3	< 1.0
4	3
5	6
6	< 1.0
7	1
8	1
9	8
10	1
11	9
12	17
13	1
14	3
15	1

Test point # 12 has to be re-cleaned.

@ 14:40 Clean-up was completed, at this time the environmental tag will remain in structure until a wipe sample can be taken. On test point #12. Structure was double/washed with slix. 3- Barrels of solids were removed. 230 gallons of mixed water and slug was removed. See clean-up crew on people screen.

01/15/05 17:45

Lab Sequence Number: 05-00408-001

MATRIX: WIPE GRAB

DESCRIPTION: TEST POINT NO.12

TOTAL PCB 4 ug/100cm²

Update: 1/21/05

Based on the last lab analysis results of 4 ug/100 cm² for test point no. 12, this incident can be closed pending removal of environmental tag and completion of Over 500 PCB Cleanup Checklist signed by the responsible supervisor.

UPDATE: 01/27/05

This manhole was cleaned as 50 to 499 ppm PCB's. The signed over 50 cleanup checklist was received from Operating Supervisor, Ruben Castro. This incident can be closed.

**Update: 4/28/05 @ 14:59

1/27/05 entry should read the manhole was cleaned for greater than 500ppm PCB's. The signed greater than 500 ppm PCB checklist was received from operating supervisor, Ruben Castro.

Map Identification Number 572 **VAULT ROOM**
 430 EAST 67TH STREET

MANHATTAN, NY

Spill Number: 1200027**Close Date: 04/09/2012**
TT-Id: 520A-0273-615

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 324 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Other

Caller Name:

DEC Investigator: SMSANGES

Spiller: BRIAN ERVING – MEMORIAL SLOAN CANCER CENTER Spiller Phone:

Notifier Name: Notifier Phone:

Caller Agency: Caller Phone:

Contact for more spill info: BRIAN ERVING Contact Person Phone: (646) 888-2280

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/02/2012		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	

Caller Remarks:

nothing affected– clean up in progress

DEC Investigator Remarks:

Minor spill – No drains impacted – Cleanup completed
 Manifest will be e-mailed in the next couple of days.

Map Identification Number 573 **IN FRONT OF**
 430 EAST 67TH ST

MANHATTAN, NY

Spill Number: 0907512**Close Date: 10/05/2009**
TT-Id: 520A-0232-127

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 324 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	ACTION ENVIRONMENTAL	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	HRAHMED	Contact for more spill info:	ACTION ENVIRONMENTAL	Contact Person Phone:	(516) 781-3000

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/04/2009		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	PETROLEUM	15.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

15 gallons went onto street dur to broken line; clean up is in progress; no waterways affected

DEC Investigator Remarks:

10/05/09-HRAHMED- Spoke to DEP Ms. Amin. As per her, Action Environmental Cleaned up the spill. They put speedy dry and absorbent pad on the spill. No drain or sewer affected.

this case is closed.

Map Identification Number 574



NY HOSPITAL
5251 E.68TH ST

MANHATTAN, NY

Spill Number: 8911502

Close Date: 12/08/1992
TT-Id: 520A-0098-994

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 345 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 525 EAST 68TH STREET
Revised zip code: 10021

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Responsible Party
Caller Name: TIM MOUNT
DEC Investigator: SIGONA

Spiller:
Notifier Name:
Caller Agency: AMERADA HESS
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (201) 437-1017
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/06/1990	12/08/1992	HUMAN ERROR	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	30.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

DRIVER DELIVERED OIL INTO THE WRONG TANK, HESS TO CLEAN UP SPILL WITH SPEEDY DRY.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 575 **525 E 68TH ST/NY HOSPITAL**
 525 EAST 68TH STREET

NEW YORK CITY, NY

Spill Number: 8900692

Close Date: 12/04/1992
 TT-Id: 520A-0098-993

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 345 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: 10021

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name: STEVEN TODD
 DEC Investigator: SIGONA

Spiller:
 Notifier Name:
 Caller Agency: AMERADA HESS
 Contact for more spill info:

Spiller Phone: (212) 746-1947
 Notifier Phone:
 Caller Phone: (201) 750-6000
 Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/21/1989	12/04/1992	TANK OVERFILL	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

 Caller Remarks:

SPILL BEING CLEANED UP BY AMERADA HESS, PUTTING OIL INTO BUCKETS & DRUMS.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 576 **EAST 71ST ST/NY HOSPITAL**
 EAST 71ST STREET

NEW YORK CITY, NY

Spill Number: 8806483

Close Date: 11/05/1988
 TT-Id: 520A-0098-997

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 345 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: 10021

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name: PETER PESSONI
 DEC Investigator: SIGONA

Spiller: NY HOSPITAL
 Notifier Name:
 Caller Agency: NY HOSPITAL
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 472-6132
 Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/03/1988	11/05/1988	TANK OVERFILL	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL IS CONTAINED AGAINST THE CURB, OPERATOR ERROR.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 577**CORNELL MEDICAL COLLEGE**

1300 YORK AVE

MANHATTAN, NY

Spill Number: 1000632**Close Date: 04/16/2010**

TT-Id: 520A-0248-602

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 345 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Other

Caller Name:

DEC Investigator: RMPIPER

Spiller: CORNELL MEDICAL COLLEGE

Notifier Name:

Caller Agency:

Contact for more spill info: ERIK TALLEY

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (646) 962-7233

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/15/2010		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
REFRIGERANT	OTHER	2.00	POUNDS	0.00	POUNDS	AIR

Caller Remarks:

bad valves fixed

DEC Investigator Remarks:

refereed to air. Closed.

Map Identification Number 578**NY PRESBYTERIAN HOSPITAL**

525 EAST 68TH ST

MANHATTAN, NY

Spill Number: 0903248**Close Date: 06/26/2009**

TT-Id: 520A-0229-427

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 345 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10021

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	ACTION CARTINGS	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	smsanges	Contact for more spill info:	TOM SINGH	Contact Person Phone:	(212) 746-1927

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/19/2009		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	PETROLEUM	3.00	GALLONS	3.00	GALLONS	

Caller Remarks:

DUE TO A LINE BREAK ON A TRUCK ABOUT 3 GALLONS SPILLED TO PAVEMENT CLEAN UP WAS DONE.

DEC Investigator Remarks:

minor spill to pavement – all cleaned.

Map Identification Number 579
 **NY PRES. HOSP**
525 EAST 68

NEW YORK, NY

Spill Number: 0802810

Close Date: 06/11/2008
TT-Id: 520A-0218-139

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
Approximate distance from property: 345 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 525 E 68TH ST
Revised zip code: 10021

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	SUKHJIP – NY PRES. HOSP	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	smsanges	Contact for more spill info:	SUKHJIP	Contact Person Phone:	(212) 746-1926

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
06/10/2008		EQUIPMENT FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL		PETROLEUM	3.00	GALLONS	3.00	GALLONS	SOIL

Caller Remarks:

COMPACTER LEAKED AT ABOVE AND IS ALL CLEANED

DEC Investigator Remarks:

minor spill – all contained on cement and cleaned up

Map Identification Number 580 **NY PRESBATARIAN HOSP**
 INT 70TH & YORK AVE ANNE

MANHATTAN, NY

Spill Number: 0606777**Close Date: 11/20/2006**
TT-Id: 520A-0099-032

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 345 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: E 70TH ST / YORK AVE
 Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Local Agency
 Caller Name:
 DEC Investigator: HRPATEL

Spiller: DOUG SCHRIMPS – NY PRESBATARIAN HOSP
 Notifier Name:
 Caller Agency:
 Contact for more spill info: DOUG SCHRIMPS

Spiller Phone: (631) 435-8900
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (631) 435-8900

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
09/12/2006		EQUIPMENT FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL		PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL IS ON CONCRETE FLOOR IN SUB BASEMENT AT THIS LOCATION: CLEANUP IN PROGRESS, ABSORBENT PADDING HAS BEEN APPLIED: AMOUNT OF SPILL UNCLEAR AT THIS TIME, ABOUT 10 GALLONS, BUT WILL CALL WITH UPDATE IF NECESSARY:

DEC Investigator Remarks:

09/13/06–Hiralkumar Patel. received during off hours on 09/12/06. visited site. met Bruce Farco at site. as per Mr. Farco, cleaning crew was trying to remove one unused transformer from sub-basement. during this, transformer dropped down and oil spilled on concrete floor. floor had hair-like cracks to upper part of concrete. found oil on top of water. as per Mr. Farco water was leaked from one of overhead pipe. Trade Winds was hired for cleanup and they were working to remove all contaminated material. asked Mr. Farco to submit color photographs after cleanup and disposal manifests to the Department.

Bruce Farco
Evening Supervisor
525 East 68th Street
New York, NY 10021
PH. (212) 746-6430
FAX (212) 746-8930
Email: brf9005@nyp.org

09/15/06–Hiralkumar Patel. received photographs of site after cleanup from Doug (dschrimpf@tradewindsenvironmental.com) through email.

Hi Kumar– As our discussion please find enclosed pictures of cracks and small holes size of a quarter in basement floor were transformer oil

Spilled. PCB field test confirmed oil tested positive for PCB's ,I should have lab results by Tuesday to confirm. Any questions please call.
Doug

photo shows little cracks on floor. discuss with DEC Austin as spilled oil might contain PCBs. as per Austin, cracks in floor doesn't look too bad but further investigation is depends on soil analyticals. and disposal of contaminated material is also based on these analyticals. spoke with Doug at Teadewinds. contaminated material is still on site and will disposed off after they get lab analyticals.

09/22/06–Hiralkumar Patel. received lab analytical for oil sample from Doug. discuss this results with DEC Jene. as per Jene, transformer oil would be considered as hazardous if PCB level is more than 50 ppm. as this sample shows less than 2 ppm, no soil samples required.
left message for Doug to remove drums from site and to submit disposal manifests.

11/14/06–Hiralkumar Patel. left message for Doug at Treadwinds.

11/20/06–Hiralkumar Patel. received disposal manifest from Doug.

Map Identification Number 581**MANHOLE#TM4375**

444 EAST 68TH ST/YORK AVE

MANHATTAN, NY

Spill Number: 0603806**Close Date: 07/07/2006**

TT-Id: 520A-0099-015

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 365 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 444 E 68TH ST

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: JHOCONNE

Spiller: ERTS – MANHOLE #TM4375

Notifier Name:

Caller Agency:

Contact for more spill info: ERTS

Spiller Phone: (212) 580-8383

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/06/2006		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

NO TO 5 QUESTIONS: ALL CLEANED UP: .1 GALLONS ONLY : CONED # 200970

DEC Investigator Remarks:

7/7/06 – Cleanup completed – see eDocs for details. (JHO)

Map Identification Number 582**VAULT 6323 NOT 2810**

417 E 68 STREET AT YORK AVENUE

MANHATTAN, NY

Spill Number: 0600344**Close Date: 06/14/2006**

TT-Id: 520A-0099-024

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 387 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 417 E 68TH ST

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: GDBREEN

Spiller: ERT DESK - CON EDISON VAULT 6323

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK'

Spiller Phone: (212) 580-8383

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/10/2006		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CLEAN UP PENDING DENERGIZE OF GENERATOR: NO TO 5 QUESTIONS CONED # 163718

DEC Investigator Remarks:

06/14/06 - See e-docs for Con Ed report detailing cleanup and closure.

163718. see eDocs

Map Identification Number 583**PRIVATE HOME- APT 240**

504 EAST 63RD ST

NEW YORK, NY

Spill Number: 0711094**Close Date: 01/22/2008**

TT-Id: 520A-0211-195

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 392 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	PARUN KEWALRAMANI – PRIVATE HOME– APT 24O	Spiller Phone:	(646) 489–0732
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	rvketani	Contact for more spill info:	PARUN KEWALRAMANI	Contact Person Phone:	(646) 489–0732

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/21/2008		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MERCURY	HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

A FEW DROPS SPILLED FROM A DROPPED THERMOMETER; APT IS 24 O(AS IN ORANGE); ATTEMPTED TO CLEAN BY SWEEPING THE AREA AND USING A HANDLE HELD VACUME;

DEC Investigator Remarks:

1/22/08 – Raphael Ketani. I spoke to Parun Kewalramani (646) 489–0732. He said that he had tried to vacuum up the mercury. However, he called the NYFD. They cleaned up the home. The vacuum, broom and other materials were bagged. The NYFD cleaned the floor. I told him to ventilate the apartment well. He said he will.

Based upon the NYFD cleaning up the spill, I am closing the spill case.

Map Identification Number 584 **ONE PT IN MANHOLE #M59549**
 EAST 64 STREET & YORK AVENUE

MANHATTAN, NY

Spill Number: 0610596

Close Date: 04/24/2007
 TT-Id: 520A–0089–971

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 447 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: E 64TH ST / YORK AVE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: GDBREEN

Spiller: ERTS – CON EDISON MH 59549
 Notifier Name:
 Caller Agency:
 Contact for more spill info: ERTS

Spiller Phone: (212) 580-8383
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/19/2006		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

aged equipment about 1 pint: no to 5 questions : coming off clock due to high pcb count and will test more: coned # 203756

DEC Investigator Remarks:

04/24/07 – See e-docs for Con Ed report detailing cleanup and closure.

203756. see eDocs

Map Identification Number 585



PARKING GARAGE

1305 YORK AVE

MANHATTAN, NY

Spill Number: 0809548

Close Date: 12/02/2008

TT-Id: 520A-0223-976

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 496 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name:
 DEC Investigator: smsanges

Spiller: JAMES CRANDALL – RAPID PARK SERVICES
 Notifier Name:
 Caller Agency:
 Contact for more spill info: JAMES CRANDALL

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/23/2008		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	

Caller Remarks:

A hydraulic line failure on a car lift caused oil to spill onto the parking surface. Clean up was done.

DEC Investigator Remarks:

minor spill – cleanup completed

Map Identification Number 586



VAULT #1370

EAST 63 ST AND YORK AVE

MANHATTAN, NY

Spill Number: 0501694

Close Date: 08/12/2005

TT-Id: 520A-0101-873

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 504 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: E 63RD ST / YORK AVE

Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: CHRIS SHIKARIVES

DEC Investigator: SKARAKHA

Spiller: ERT DESK – CON EDISON

Notifier Name: CHRIS SHIKARIVES

Caller Agency: CON ED

Contact for more spill info: ERT DESK MIKE DAUGHTERY

Spiller Phone: (212) 580-8383

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/11/2005		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:CONTAINED TO VAULT, CLEAN UP PENDING. CON ED#158531

DEC Investigator Remarks:

e2mis no 158531

Biliski discovered approx 5 gal dielectric and 5 gal water. No sewer/waterway affected. The source is the Transformer and the cause is a Bottom leak. The spill is in the concrete strucutre. No substantial cracks were observed. Environmental tag # 42046 was hung. Two samploes were taken for PCB and ID. The sump piping will be taken apart to see if there was any relaese situation. Absorbent pads were laid down. The cleanup will be pending Feeder out of service.

Biliski took apart the sump piping and it returned clean and no release to the environment.

5/11/05 20:07 Received lab results, Lab Sequence Number: 05-04387-001. TOTAL PCB 26 ppm

5/11/05 20:29. Lab Sequence Number: 05-04388-001. Analysis indicates the presence of a transformer oil.

5/11/05 20:43 S. Asfour # 49908 Reports that tanker removed 50 gallons of water/oil from the pit.

The unit will be drained 5/12/05.

Update 6-11-05 @ 12:34. J Bencivnga # 39929 reports that the cleanup is complete as of 11:30. 10 gallons of oil and water mixed removed by vactor truck. Double washed with bio-gen degreaser and flushed. Cleanup supervisor and crew are listed in the event involved person screen. Tag # 42046 removed. Transformer was removed and a new one installed. Transformer was the cause of the spill. J Moran # 01182.

Closed. 8-12-05. George Breen

Map Identification Number 587**MANHOLE 57123**

YORK AVE - EAST 63RD ST

MANHATTAN, NY

Spill Number: 0004413**Close Date: 10/18/2001**

TT-Id: 520A-0101-872

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 504 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: YORK AVE / EAST 63RD ST

Revised zip code: UNKNOWN

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name: JIMMY FOX
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name: MR CROWE
 Caller Agency: CON ED
 Contact for more spill info: JIMMY FOX

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/13/2000		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

SPILL IN A MANHOLE ON TOP OF 100 GALLONS OF WATER CON EDISON REF # 132346 SAMPLE TAKEN CLEAN UP IS IN PROGRESS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis Notes:

7/13/00 1pint cable oil mixed with 100gal water in manhole. Treat as 50-499ppm. Sample taken and returned <1ppm. Oil and water removed by tanker. Flush truck used high pressure hose to double wash floor and walls with slix. Rinsed with flush truck. Two 55-gal drums solid waste generated. 75gal liquid waste generated.

Map Identification Number 588 **E 70TH ST/YORK AVE**
 E 70TH ST/YORK AVE

MANHATTAN, NY

Spill Number: 8404000

Close Date: 04/27/2006
 TT-Id: 520A-0099-020

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 556 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: JANE HEALY
DEC Investigator: JHOCONNE

Spiller: CON ED
Notifier Name:
Caller Agency: NYSDEC
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/17/1984		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	4000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Reported by Con Ed as required under Consent Order.

DEC Investigator Remarks:

This spill is closed pursuant to Site 7b Investigation Report in eDocs link.(SKA

Map Identification Number 589 **1175 YORK AVE BET 63 & 64**
 1175 YORK AVE

NYC, NY

Spill Number: 9200825

Close Date: 04/21/1992
TT-Id: 520A-0095-178

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 569 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Local Agency
Caller Name: HERNANDEZ
DEC Investigator: TOMASELLO

Spiller: AMMERATTA HESS
Notifier Name:
Caller Agency: NYCDEP
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 595-4658
Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/21/1992	04/21/1992	TANK OVERFILL	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

NYCDEP & HESS CLEANUP CREW ON SCENE. ABC TANK PUMPED OUT CATCH BASIN.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 590 **1175 YORK AVE/HESS**
 1175 YORK AVE/HESS

NYC, NY

Spill Number: 9200820

Close Date: 04/22/1992
 TT-Id: 520A-0095-179

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 569 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 1175 YORK AVE

Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK
 Notifier Type: Responsible Party
 Caller Name: T KRIVAS
 DEC Investigator: KSTANG

Spiller:
 Notifier Name:
 Caller Agency: HESS
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (201) 489-5100
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/21/1992	04/22/1992	EQUIPMENT FAILURE	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	30.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:CONTAINED ON ASPHALT; HESS CREW CLEANING UP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"

Map Identification Number 591

1175 YORK AVE

MANHATTAN, NY

Spill Number: 0100211**Close Date: 04/06/2001**

TT-Id: 520A-0095-177

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 569 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE

Notifier Type: Responsible Party

Caller Name: ANTHONY NATALE

DEC Investigator: KMFOLEY

Spiller: FELIX INDUSTRIES

Notifier Name: TOM ONEIL

Caller Agency: CON EDISON

Contact for more spill info: ANTHONY NATALE

Spiller Phone:

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended

04/06/2001		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:NO SMOKE OR FIRE. NO PRIVATE PROPERTY AFFECTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"

e2mis Notes:

Approximately 1 gal fuel oil leaked from vehicle and travelled along curb and approximately 2 oz. entered a catch basin at the northwest corner of 63rd St and York Ave. The spill did not enter any waterways or underground structures. EH&S Gary Windham reports spill has been cleaned up as of 11:30 4/6/01. Absorbant pads and speedy-dry were used to clean street. The catch basin cover was removed and basin was cleaned using absorbant pads to remove fuel oil on surface of water and simple green was used to clean walls of catch basin. All clean up materials will be disposed of properly in the E 16th St Yard. Windham reports the oil did not appear to have escaped the catch basin. It appeared that the oil never reached the water in the catch basin. The dirt that the oil dripped on was removed and the walls were washed with Simple Green. M. Walsh reports that Felix Industries has sent a mechanic to the field and is in the process of repairing the truck. KMF 4/9/01.

Map Identification Number 592



BETWEEN 70 & 72 STREETS

BET 70TH & 72ND ST FDR DR
F.D.R. DRIVE 70TH & 72ND

MANHATTAN, NY

Spill Number: 9306288

Close Date: 03/21/1995

TT-Id: 520A-0099-034

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: FDR DR / EAST 71ST ST

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Federal Government

Caller Name: P.O. LOPEZ

DEC Investigator: SPEDES UNIT

Spiller: UNK. CONTRACTOR

Notifier Name:

Caller Agency: USCG

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 668-7920

Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/23/1993	03/21/1995	DELIBERATE	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

CONTRACTOR PUMPING WATER AND MUD INTO EAST RIVER.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: MUD & WATER

Map Identification Number 593**FDR DRIVE / EAST 61ST STR**

FDR DRIVE / E. 61ST ST.

MANHATTAN, NY

Spill Number: 8701736**Close Date: 06/01/1987**

TT-Id: 520A-0090-880

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 798 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: UNASSIGNED

Spiller: NYCDEP

Notifier Name:

Caller Agency:

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/29/1987	06/01/1987	EQUIPMENT FAILURE	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

REGULATOR # M-50 FOUND TRIPPED OUT. ENDING TIME 1000 HRS - MAY 30,1987.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "

10/10/95: This is additional information about material spilled from the translation of the old spill file: 12.5 MILLION / DAY

Map Identification Number 594**NEW YORK HOSPITAL**

71ST ST / YORK AVE

MANHATTAN, NY

Spill Number: 9501872**Close Date: 08/08/1995**

TT-Id: 520A-0092-893

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 813 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: E 71ST ST / YORK AVE

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name: RICHARD PIERRE
 DEC Investigator: SIGONA

Spiller: NEW YORK HOSPITAL
 Notifier Name:
 Caller Agency: NEW YORK HOSPITAL
 Contact for more spill info:

Spiller Phone: (212) 746-1927
 Notifier Phone:
 Caller Phone: (212) 746-1927
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/12/1995	08/08/1995	HUMAN ERROR	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	6000	GALLONS	6000	GALLONS	SOIL

Caller Remarks:

FILL LINE WAS CUT – UNKNOWN HOW OIL CONTAINED IN A LOCKED VAULT. DEC SIGONA INVESTIGATED OIL PUMPED OUT OF VAULT 5/13/95. TANK WAS REMOVED ON 8/4/95. RESIDUE REMOVED & WASHED. RE-INSPECTED ON 8/8/95.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

08/08/95: DEC SIGONA INSPECTED THE EMPTY VAULT ON AUGUST 8, 1995, FOUND THE VAULT TO CLEANED TO THE SATISFACTION OF DEC. NO ADDITIONAL INVESTIGATION REQUIRED.

Map Identification Number 595



1161 YORK AVE

MANHATTAN, NY

Spill Number: 0305327

Close Date: 09/23/2003

TT-Id: 520A-0095-162

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 823 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name: ANTHONY LARA
 DEC Investigator: CESA WYER

Spiller: UNKNOWN – UNKNOWN OIL COMPANY
 Notifier Name: JAY SCHOFIELD
 Caller Agency: PETROLEUM TANK CLEANERS
 Contact for more spill info: ANTHONY LARA

Spiller Phone:
 Notifier Phone: (212) 838-7289
 Caller Phone: (718) 624-4842
 Contact Person Phone: (718) 624-4842

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/19/2003		TANK OVERFILL	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

unk oil company overfilled tanks at apt. building – caller was contacted for clean up

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
 8/19/03 1600 Hrs Sawyer stopped by 1161 York Ave. to see Petroleum Tank Cleaners pump out approximately 100 gallons of #2 fuel oil. Most of the spill was contained in a tank room and pumped out. Small amount of oil passed under the tank room cement blocks, but was also cleaned up by PTC. Closed.

Map Identification Number 596



450 EAST 63RD ST

MANHATTAN, NY

Spill Number: 0010722

Close Date: 01/05/2001
 TT-Id: 520A-0095-161

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 823 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Affected Persons
 Caller Name: JAY SCHOFIELD
 DEC Investigator: JMKRIMGO

Spiller: CALLER – ROSE ASSOC.
 Notifier Name:
 Caller Agency: ROSE ASSOC.
 Contact for more spill info: CALLER

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 838-7289
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/26/2000		TANK OVERFILL	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER REPORTED EMPLOYEE WAS TRANSFERING FUEL FROM ONE TANK TO ANOTHER AND OVERFILLED THE TANK. ABSORBANT PADS ARE DOWN.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
Spill was contained on the roof top of the garage. Cleaned up by the RP.

Map Identification Number 597



FLUSH TRUCK

1154 1ST AVE

MANHATTAN, NY

Spill Number: 0602081

Close Date: 05/25/2006

TT-Id: 520A-0099-319

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1078 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: JHOCONNE

Spiller: ERT DESK – CON EDISON

Notifier Name:

Caller Agency:

Contact for more spill info: ERT DESK'

Spiller Phone: (212) 580-8383

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/25/2006		EQUIPMENT FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

FLUSH WATER – 100 GALLONS ONTO ASPHALT AND UNKNOWN INTO SEWER: NO TO 5 QUESTIONS; 200228

DEC Investigator Remarks:

Con Ed no. 200228 – see eDocs for spill info. (JHO)

Map Identification Number 598 **72ND ST & YORK AVENUE**
 72ND ST / YORK AVENUE

MANHATTAN, NY

Spill Number: 9309571**Close Date: 12/08/2005**
TT-Id: 520A-0099-033

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1099 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: E 72ND ST / YORK AVENUE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: JOE DEZENNY

DEC Investigator: JHOCONNE

Spiller: CON-ED

Notifier Name:

Caller Agency: CON-ED

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6766

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/08/1993		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
NON PCB OIL	PETROLEUM	1000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CONTRACTOR WORKING FOR WATER DEPT. WAS DIGGING – PIERCED CABLE. CONTAINED TRIPLE H2 THEY WILL CLEAN UP. CONTAINED IN EXCAVATION – WILL REMOVE SOIL DIRT – CON-ED IS VACUMMING OUT NOW.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

11/8/93, 3:00 PM: Tim Fitzgerald and Tom Coffin of Con Ed on scene. Contractors working for City water dept (DEP) struck dielectric cable with backhoe at about 10:00 AM. 3000 gallons of cable oil was removed by AAA along with 17 yards of contaminated soil. There did not appear to be any more oil in the soil that was still in trench. DEP was on scene earlier. Tim Fitzgerald claims there was no oil in sewer. This makes sense, as there was not time for it to migrate from the point of release. Leak was clamped and crew was preparing to put freezes on line. (CAE)

11/9/93, 9:30 AM. Called Pete Fehn of AAA. He does not have all paperwork yet but that 4000 to 5000 gallons of oil were taken to Astoria along with 17 yards of contaminated soil. (CAE)

10/10/95: This is additional information about material spilled from the translation of the old spill file: DIELECTRIC FLUID.

3/13/03: transferred from Engelhardt to O'Connell. Appendix B site no. 7.

Update 12/8/05

This spill is being closed based on Site 7b investigation report in eDocs link for spill # 0111140. (SKA)

Map Identification Number 599



MANHOLE #61861

E 72ND ST/YORK AVE

MANHATTAN, NY

Spill Number: 0104598

Close Date: 11/05/2001

TT-Id: 520A-0090-091

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1099 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: SEAN MCKEEVER

DEC Investigator: KMFOLEY

Spiller: CON EDISON

Notifier Name: MR PELLAGRINO

Caller Agency: CON EDISON

Contact for more spill info: SEAN MCKEEVER

Spiller Phone: (212) 580-6763

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended

07/30/2001		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	650.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

DURING REMOVAL OF COAL TAR WRAP A FEEDER LEAK WAS DISCOVERED. FEEDER HAS BEEN SHUT DONE. SAMPLE TO BE TAKEN. CON ED NOT AVAILABLE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"

Con Ed e2mis Notes:

Maintenance Services was doing an abatement of coal tar wrap when dielectric fluid began to leak from the bottom of the feeder pipe. The oil is filling the manhole at a fast rate. Approximately 650 gallons was initially reported. The 138kV feeder is 38M35 in manhole #M61861. The leak is probably due to corrosion. Maintenance Services tried to put a clamp on the pipe to stop the leak but the pressure was too high. The feeder was removed from service at 13:56. At 14:25 the feeder was put on reduced pressure of 70psi. Con Ed tankers were requested to location. Clean Harbors was called to respond to pressure wash the manhole. A temporary cleamp was installed and holding at 15:40. Transmission Operations mechanic was sent to take measurements for a custom barrel.

Feeder removed from service since pressure was not holding. Clean Harbors asked to respond to power wash manhole. Temporary clamp installed and holding. Coating removal continues to find good pipe to install barrel repair. Took measurements for barrel.

PCB count is 184ppm.

Because coal tar wrap was being removed from the feeder pipe when the leak occurred, there was concern that some coal tar became entrained in dielectric fluid that was removed from manhole and contaminated tanker. Coal tar wrap is assumed to contain PCBs and asbestos, and when removed from pipes with painted surfaces, lead, cadmium, chromium. Chemist took samples. Tanker held at Astoria pending analysis.

Clean Harbors triple washed manhole and treated debris as lead, PCB. Removed 210kg from manhole in two drums. Cleanup completed on 7/31/01. Custom 22" long 20" diameter barrel fabricated to go over 2nd joint sleeve to cover clamp. Samples taken from Con Ed tanker on 7/31/01. Barrel installed 8/1/01. Normal pressure returned and feeder returned to service.

Dielectric fluid from feeder 38M35: PCBs <1ppm

Coal tar wrap off manhole floor: PCBs 184ppm, Asbestos 7.3%, TCLP Lead 0.084ppm, TCLP Cadmium <0.010ppm, TCLP Chromium <0.001ppm.

Tanker 60536: PCBs <1ppm, TCLP Lead 0.43ppm, TCLP Cadmium <0.010ppm, TCLP Chromium <0.015ppm, Benzene (top) 0.30ppm, (middle) 0.17ppm, (bottom) 0.19ppm.

Tanker 60538:

DEC Inspector Notes:

7/30/01 Con Ed tankers were pumping oil from manhole while installing temporary clamp. Clamp was installed and feeder continued to leak at a rate of 2gal/hr. Barrel was to be welded on while on suction. Waste disposal became an issue when it was discovered that the oil was not tankered from the surface. There was a possibility that the coal tar wrap and paint debris, assumed to contain PCBs and metals, had entered the tankers. Sam Arakhan allowed Con Ed to temporarily store the tankers at the Astoria Transportation Yard. Sample results are expected to return on Wednesday, August 1. (KMF 7/31/01)

Map Identification Number 600

QUEENSBOROUGH BRIDGE
QUEENSBOROUGH BRIDGE

NEW YORK CITY, NY

Spill Number: 8902575**Close Date: 06/13/1989**

TT-Id: 520A-0102-305

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 1111 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: QUEENSBORO BRIDGE

Revised zip code: 10022

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: MR. CRIBBIN

DEC Investigator: TOMASELLO

Spiller: CON ED

Notifier Name:

Caller Agency: CON ED

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
06/12/1989	06/13/1989	EQUIPMENT FAILURE	UNKNOWN		NO		
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected	
NON PCB OIL DIELECTRIC FLUID	PETROLEUM PETROLEUM	200.00 0	GALLONS POUNDS	0.00 0	GALLONS POUNDS	SURFACE WATER SURFACE WATER	

Caller Remarks:

SPILL OF COOLING AGENT IN PRIMARY CABLE. DEC(TOMASELLO) INVESTIGATED-BEING CLEARED BY CON ED & PATCH BEING PUT ON WORK WILL BE DONE W/IN NEXT 3 DAYS.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 601 **FEEDER 38M03**
 1ST AVE & E71ST ST

MANHATTAN, NY

Spill Number: 9308954

Close Date: 12/08/2005
 TT-Id: 520A-0101-877

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1112 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: FIRST AVE / E 71ST ST
 Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name: STEVE CRIBBEN
 DEC Investigator: JHOCONNE

Spiller: CON ED
 Notifier Name:
 Caller Agency: CON ED
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6763
 Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/23/1993		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

LEAK IN FEEDER CABLE – NOTIFIED NRC & NYC DEP – CALLED BACK THEY ARE TRYING TO LOCATE THE LEAK; @6:00 TIL 11:00PM LEAK NOT LOCATED. USCG CALLED @ ~10:00PM, WILL SEND TEAM TO CHECK WATER WAYS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

10/25/93, 10:05 AM: Spoke with John Hegerty (Con Ed). Leak is 50 to 100 gph, 2000 gallons so far. Did visual over weekend, did not find leak. No leak on bridge. Checked main manholes, now shecking side manholes. First freeze will be 1st Ave & 59th St Bridge.

10/25/93, 12:30 PM: Met with Petty Officers Dooley and Spendsen (USCG) – they said Con Ed examined the cable along the bridge and found no leaks. Con Ed crew was on site at 1st Ave & 59th St excavating to perform freeze on line to find leak. Left scene at 1:30 PM. (CAE)

10/25/93, 8:00 PM: Oil started coming up in road on 1st Ave between 70th and 71st St. When I arrived, Con Ed crew already excavating for freeze test. Con Ed had thrown sand on road to absorb oil. By 8:30 found leak, wedged wooden spike in it. By 9:15 had clamp on hole. Oil started seeping back into trench from surrounding soil.

While spill was still ongoing, checked manholes – found oil/water flowing in manhole at intersection of 71st St/1st Ave – sewer, high flow, 15 – 20 feet deep. Original excavation trench was about 4' x 8'. Con Ed planned to excavate another 2' on the south side of the trench and 18" on the east side. Left scene at 9:40 PM. (CAE)

10/26/93, 11:00 AM: Con Ed crew is welding barrel onto pipe. Bob DePass (Con Ed) showed me copies of the incident report for spill. The reason there was a delay in reporting was because the substation waited 19 hrs to report the loss of fluid to CIG.

There is still free product leaching into the excavation. DePass is taking samples but they are saturated with oil. Mr. Silva is supervising the repair – they are going to put steel sheeting over pit and not backfill right away. Says they are going to excavate soils and allow seepage to continue and pump out. Told DePass we may ask them to do borings in the area to determine extent of contamination.

10/28/93: spoke with John Hegerty and Bob DePass – total leak amount 8375 gallons.

11/9/93: spoke with Pete Fehn of AAA – he said only 200 gallons of liquid oil was removed from scene, along with 20 yards of contaminated soil. The majority of the 8375 – 200 = 8175 gallons still in the ground. Using porosity data for contaminated soils (assuming 50% saturation), calculated that approx. 6200 gallons still in ground. (CAE)

3/13/03: TRANSFERRED FROM ENGELHARDT TO O'CONNELL. APPENDIX B SITE NO. 7.

Update 12/8/05

This spill is being closed based on site 7b investigation report in eDocs link for Spill # 0111140.

Map Identification Number 602**1330 1ST AVE**

1330 1ST AVE

MANHATTAN, NY

Spill Number: 0806455**Close Date: 09/12/2008**

TT-Id: 520A-0220-566

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1142 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Fire Department

Caller Name:

DEC Investigator: hrpatel

Spiller: JERRY STERN – JERRY STERN

Notifier Name:

Caller Agency:

Contact for more spill info: JERRY STERN

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (646) 739-9085

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
09/09/2008		EQUIPMENT FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL		PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL, SEWER

Caller Remarks:

A generator failure caused above fuel to spill and run down the block into the storm sewer.

DEC Investigator Remarks:

9/9/08 – Sangesland spoke to NYFD & Clean Ventures. Patel responding to the site.

Apartment building has a back up generator which had a problem with it's tank. 100 gal of diesel spilled to the street and down the storm sewer. Heavy rains are expected within the next 1–2 hours. Clean Ventures (908–354–0210) was called for the cleanup – they should be there by 10:45AM.

09/09/08–Hiralkumar Patel. visited site. subject site is located at the corner of East 71st Street and 1st Avenue and garage entrance is located along E 71st street. site has one 300 gal diesel tank in the basement, and one 250 gal diesel tank paired up with a generator on the roof. building contractor recently installed the tanks and the generator system, and they were testing the system today. during testing, they started pumping diesel from the basement tank to the tank on the roof. pump stopped successfully after completing the tank fill cycle, but due to some mechanical problem, fuel from the tank on the roof dropped back to the tank in basement via a suction line. as the basement tank was full, oil was pushed out through a vent pipe. oil spilled onto the concrete sidewalk, and ran on the asphalt paved street to a storm drain located at the intersection of York Ave and 71st street. FDNY responded and spread out sand on the oil slick on street along the curb. as per FDNY, about 3 inches of oil was also found inside the storm drain. there is ConEd vault next to this storm drain area that mayt have been impacted. DEC Steve notified ConEd regarding possible oil seeping into their vault. inspected the basement tank room and found a very minor (about 1 gal) spill on a new concrete floor. as per building super, there was no spill from the tank on the roof. there was no subsurface impact. FDNY and OEM were on scene.

Brown 36
OEM
Ph. (718) 422–8700

Property owner/RP rep:

New York–Presbyterian
Michael Waye
Director, Real Estate
435 East 70th Street, Room 302A

New York, NY 10021
 Ph. (212) 746-1987
 Fax (212) 746-8543
 Email: miw9033@nyp.org

no subsurface impact.

09/12/08-Hiralkumar Patel. discussed with DEC Austin. he asked to close the case as no subsurface impact.

case closed.

Map Identification Number 603 **1ST AVE & E 63RD ST**
 1ST AVE & E 63RD ST

MANHATTAN, NY

Spill Number: 8810171

Close Date: 04/28/2006
 TT-Id: 520A-0095-183

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1185 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 1ST AVE / E 63RD ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: JHOCONNE

Spiller: CON ED

Notifier Name:

Caller Agency:

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/05/1988		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	2000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Reported by Con Ed as required under Consent Order.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX B SITE NO. 74.

4/28/06

Spill closed based on report in eDocs for Site No. 74. (SKA)

Map Identification Number 604



MANHOLE 7293

72ND ST & 1ST ST

MANHATTAN, NY

Spill Number: 9602679

Close Date: 02/17/2006

TT-Id: 520A-0092-920

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1335 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: E 72ND ST / 1ST AVE

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEVE ROMERO

DEC Investigator: JHOCONNE

Spiller: LISA PRIMEGGIA – CON EDISON

Notifier Name: GIANGRANDI

Caller Agency: CON ED

Contact for more spill info: CALLER

Spiller Phone: (212) 560-6763

Notifier Phone: (212) 468-0843

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/06/1996		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
CABLE OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

cable oil spilled into a manhole

tests reveal it may be dielectric fluid

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Engelhardt notes: John Hegerty – no cable in steam manhole. Oil actively leaking into manhole. Feeder 38M35 suspect by inventory (<1 gal/hr). Flow meters being installed into substation pumphouses for confirmation. Will know tomorrow. If they confirm

feeder, will have contractor dig from steam pit to pipe to find leak.

5/24/96, 1340 hrs: Update from Con Edison – analysis results indicate cable oil. Loss of 400 gallons detected on feeder 38M35 running along 1st Avenue over an 18 day period.

5/26/96: leak located outside of steam manhole, clamp installed. Total amount lost = 500 gallons

4/18/05: Spill submitted for closure by Con Ed, with following comment: "The spill reported in MH-7293 (located on 72nd St. E/O 1st Ave.) in 1996 has been reviewed by Steam EH&S and determined that the condition has been corrected. Upon inspection of MH-7293, there is no presence of oil. The manhole was rebuilt during the Steam Enhancement Program during September 1998." Close out. (JHO)

Map Identification Number 605**OIL FOUND IN MANHOLE # 60636**

ON YORK AVENUE NEAR 73 STREET

MANHATTAN, NY

Spill Number: 0700300**Close Date: 10/09/2007**

TT-Id: 520A-0099-394

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1383 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: YORK AVE / E 73RD ST

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Local Agency

Caller Name:

DEC Investigator: gdbreen

Spiller: ERTSDESK – CON EDISON

MH # 60636

Notifier Name:

Caller Agency:

Contact for more spill info: ERTSDESK

Spiller Phone: (212) 580-8383

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/10/2007		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	4000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

MATERIAL IS COMPLETEY CONTAINED IN MANHOLE: BELIVED TO BE DUE TO EQUIPMENT FAILURE, BUT NOT CONFIRMED AS OF YET: CONED # 205314 NOT AN ACTIVE LEAK

DEC Investigator Remarks:

4-10-07. Mike Pillig and Tom Columbia on scene with two men from DEP. Fluid, mainly water. contained within manhole. Vac truck arriving. Feeder leak is merely speculation – there has been no leak alarm. Breen

205314. see eDocs

George,
I'll send you an updated report as soon as EMIS is updated.
Tom Columbia

-----Original Message-----

From: Pillig, Michael E.

Sent: Tuesday, April 10, 2007 8:58 PM

To: 'huangj@dep.nyc.gov'

Cc: Paretsky, Leon; 'jhoconne@gw.dec.state.ny.us'; dl – Environmental Response Team

Subject: Fw: Submitter: ROBERT K DUFFY LSN 07-03232 Incident # 205314

James,

Here are the results you requested. A leak on a 2" nipple coming off our feeder pipe was located and clamped by 16:10 hours. There is evidence of dielectric fluid coming into the manhole at the north wall penetration.

We will be obtaining an emergency DOT permit to excavate north of the MH wall, make the necessary repairs and remove any contaminated soil. Post excavation soil samples will be taken to verify effectiveness of the cleanup and will work with the NYSDEC for final closure of the spill.

Please feel free to contact me with any questions you may have.

Mike Pillig

Sent from my BlackBerry Wireless Device

5-14-07. Conferred with Mike Pillig at site. ConEd has excavated on the north side of the vault down to 12 feet. The excavation is 8 by 8 feet across. They stopped at 12 feet because of a sewer pipe that runs east – west. They have removed impacted soil from the four foot level down to the bottom. There is water and floating product over the half of the bottom closest to the vault. Mike intends to try using pads to remove the oil. If that is not successful, he will bring in a tanker. Mike will sample the periphery of the excavation. Some of the remaining soil looks to be impacted. It seems likely that a well will have to be installed. It would be monitored as a long-term project by Barry Cohen and Matt Madsen. A reference tank was located outside the north wall of the vault with a penetration at the four foot level to connect the tank to the feeder. The vault wall is stained from this penetration on down. Breen

10/4/07: e-mail from Con ed (Pillig): "Here is the diagram and sample results for the spill on FDR 73 at York Ave. and 73rd St. To refresh, there was approx. 4000 gallons contained in the manhole. Some DF had escaped through the north end penetration. We excavated to the north, conducted a first round of sampling and found elevated levels to the west of the excavation. We then

backfilled the original excavation and opened a new one to the west. We dug down to bedrock and did not observe any oil. There is however a water main which runs parallel to the MH as illustrated in the diagram provided. While we were unable to excavate under the water main, we did excavate west of the water main down to bedrock. We then sampled the west wall of the new excavation and found that very little migration to the west occurred. To the extent we removed the contaminated soil, notwithstanding that which remains between the water main and the bedrock, we would like to request permission to close this spill." (JHO)

10/9/07: Spill submitted for closure by Con Ed (Pillig). Post-excavation sampling results indicate that a small amount of residual contamination remains in soil beneath a NYC water main. This soil is inaccessible for excavation, and is covered by pavement. All post-excavation sampling results to the north, south, east and west of the water main are clean. See eDocs for analytical results and site sketch. Close out. (JHO)

Map Identification Number 606**VAULT #5525**

FRONT OF 354-356 E 77ND

MANHATTAN, NY

Spill Number: 0103381**Close Date: 07/18/2003**

TT-Id: 520A-0094-939

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1416 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 354-356 E 72ND ST

Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: MARK SCHLAGEL

DEC Investigator: KMFOLEY

Spiller: CON EDISON

Notifier Name: MR BOOMER

Caller Agency: CON EDISON

Contact for more spill info: MARK SCHLAGEL

Spiller Phone: (212) 580-6763

Notifier Phone: (212) 580-6765

Caller Phone: (212) 580-6765

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/28/2001		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Clean up pending test results – on 75 gallons of water. ***Update – historical 7 ppm from July 1997 *****

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Con Ed e2mis #137921:

6/28/01 @ 04:55 hrs.:

27-JUNE-2001 04:55 hrs

@ 04:11 hrs Field Operator Mechanic R.Jack #17064 was dispatched to the following location to due emergency repair work when he discovered approximately (200) gallons of transformer fluid mixed with approximatley (75) gallons of water located in V5525 located in front of 356-54 E.72nd Street. Sewer connection could not be verified, Concrete sump could not be verified, There was no visual water movement, No sump pump running, And there were no substantial cracks. There was oil filled equipment in the structure & there is a dielectric filled feeder in the structure. this is on feeder run of 24M91. A yellow tag #20736 was issued. (2) samples were were taken (1) for ID & (1) for PCB. A chain of custody #BB05278 was issued & no pre-cleanup or action has been taken. ERT is on location @ this time & is reporting that @ this time from what he can see @ this time the oil in the structure is stagnant. when the I&A dept arrives on location they will further investigate & give updates during the cleanup process. Spoke with CIG @ 04:29 hrs. Spoke with M.Schlagel #18276. There is an historical record for PCB of (7) PPM last dated 16-July-1997

Bob Biliski, I&A Supervisor reported at 11:40 hrs. that oil and water was pumped from the floor of the vault. The transformer is presently being drained. He verified that there was no entry into the sewer or waterway due to the operation of the oil minder that was installed by the pump. Oil was sensed by the probe and the pump was shut down. Partial cleanup of the vault is presently in progress.

EPA # NYP 004 085 494 was issued by the ERT.

01/15/02 11:48 J. Bencivenga #39929 Cable (cleanup) forman Reports that at 11:45 this structure was cleaned 100%. There was 250 gallons of water /oil mixture that was removed by a tanker. The structure was double washed with slix & rinsed down with a flush truck. The spill tag # 20736 was removed.

Map Identification Number 607

355 EAST 72ND ST

MANHATTAN, NY

Spill Number: 0011237**Close Date: 01/17/2001**

TT-Id: 520A-0099-226

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1479 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 355 E 72ND ST
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Fire Department
 Caller Name: DISP 433
 DEC Investigator: TJDEMEO

Spiller:
 Notifier Name: DISP 433
 Caller Agency: FDNY
 Contact for more spill info: DISP 433

Spiller Phone:
 Notifier Phone: (212) 628-2900
 Caller Phone: (212) 628-2900
 Contact Person Phone: (212) 628-2900

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/15/2001		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

fd on the scene – req call asap

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
 Spill from temporary boiler in street. S&J Fuel oil is responsible party (718) 855 6067. PTC retained for cleanup. Cleanup performed using vac truck and absorbents.

Map Identification Number 608 **MANHATTAN EAST 08A DOS –DDC**
 545 EAST 73RD STREET

MANHATTAN, NY

Spill Number: 9913369

Close Date: 05/15/2006
 TT-Id: 520A-0100-043

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1508 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name: OTIS JOHNSON
 DEC Investigator: JAKOLLEE

Spiller: NYC SANITATION
 Notifier Name: SUPERVISOR
 Caller Agency: NYC SANITATION BCC OPS
 Contact for more spill info:

Spiller Phone: (212) 788-4054
 Notifier Phone: (212) 639-1203
 Caller Phone: (212) 788-4058
 Contact Person Phone: (212) 639-1203

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/25/2000		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	PETROLEUM	460.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

UNK PERSON LEFT A VALVE OPEN – CONTAINED IN A CONTAINMENT AREA – CLEAN UP IS UNDERWAY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
10/14/04 The spill was reassigned to Rashid Ahmed; subsequently transferred to I. Islam.

3/09/06: This spill transferred from I. Islam to Q.Abidi.

05/15/06: Spill transferred to J. Kolleeny and closed to consolidate with open spill 0001929, under which site remediation is being tracked. – J. Kolleeny

Map Identification Number 609 **MANHATTAN 8 GARAGE**
543 EAST 73RD STREET



MANHATTAN, NY

Spill Number: 9805769

Close Date: 08/12/1998
TT-Id: 520A-0100-044

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1508 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: ANTHONY BARONE

DEC Investigator: JMKRIMGO

Spiller: ANTHONY BARONE – MANHATTAN 8 GARAGE

Notifier Name:

Caller Agency: SANITATION OPERATIONS

Contact for more spill info: ANTHONY BARONE

Spiller Phone: (212) 788-4059

Notifier Phone:

Caller Phone: (212) 788-4059

Contact Person Phone: (212) 788-4059

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
08/10/1998		EQUIPMENT FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL		PETROLEUM	300.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

valve not secured on lift, spill is contained to garage area. cleanup crew contacted.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"

COPY TO DDC MONITORS. 300 GAL OF HYDRAULIC OIL SPILLED IN THE SECONDARY CONTAINMENT OF AST. SANITATION DEPARTMENT PUMPED OUT OIL INTO 55 GAL DRUMS AND CLEANED UP THE AREA.

Map Identification Number 610 **EAST 69TH / 2ND AVENUE /**
 69TH & 2ND AVE.

NEW YORK CITY, NY

Spill Number: 8702721

Close Date: 07/07/1987
 TT-Id: 520A-0090-557

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1537 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: E 69TH ST / 2ND AVE

Revised zip code: 10021

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Local Agency

Caller Name:

DEC Investigator: UNASSIGNED

Spiller: UNKNOWN

Notifier Name:

Caller Agency:

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
07/04/1987	07/07/1987	HUMAN ERROR	UNKNOWN		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL		PETROLEUM	500.00	GALLONS	0.00	GALLONS	SOIL

 Caller Remarks:

NOT 500 GALLONS AS REPORTED ONLY ABOUT 50 GALLONS – OVER FILL – WILL CONTINUE TO INVESTIGATE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "

Map Identification Number 611 E 74TH ST GEN STATION


506 E 74TH STREET

NEW YORK, NY

Spill Number: 0301305**Close Date: 06/09/2003**

TT-Id: 520A-0100-028

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 1571 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK
 Notifier Type: Responsible Party
 Caller Name: RON ELLIOT
 DEC Investigator: JHOCONNE

Spiller:
 Notifier Name: SAME
 Caller Agency: CON EDISON
 Contact for more spill info: RON ELLIOTT

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/06/2003		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
KEROSENE	PETROLEUM	114.00	GALLONS	114.00	GALLONS	SOIL

Caller Remarks:

NO TO THE 5'S

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

DEC INSPECTOR NOTES

5/6/2003 2:00 pm.

Sam Arakhan and I met with Con Edison representatives Steve Wong, Jimmy Fox, and ERT Bernard Pierre. The purpose of the visit was to inspect the fill box in which kerosene oil spilled. The fill box location is next to the station at 75th Street.

Con Edison was taking an oil delivery when the tanker truck driver noticed that oil was coming through the bottom of the fill box. He reported having delivered 114 gallons of oil until he stopped the transfer. At the time of the inspection, oil was visible, Con Edison was instructed to clean the excess oil with pads and secure the fill box.

Con Edison will test the two adjacent fill box connections to see if they could use them. These connections all connect to the same manifold which divides in 5 to feed 5–20000 gallon tanks. They also have the alternative to connect the tanker truck hose directly to the manifold.

Con Edison has started to obtain the necessary permits to open the sidewalk. The sidewalk appears to be recently repaired (less than two years). (ARS)

6/9/2003: FOR SIMPLICITY, I WILL CLOSE THIS SPILL AND FOLLOW IT ON SPILL 0301656. CON EDISON SUBMITTED A CLEANUP WORKPLAN ON 6/4/2003. (ARS)

~~~~~  
E2MIS 148245

11:10 hrs – Shift Supervisor notified EH&S Manager of a problem with a kerosene delivery that had just started and requested that he come to the kerosene fill connection on 75th Street.

11:15 hrs – EH&S Manager arrived at kerosene fill connection. The operators and tanker truck driver report that as they started pumping kerosene into the fill connection, some product started bubbling up around the outside of the fill pipe (but contained within the connection box in the sidewalk). They promptly stopped pumping, but 114 gallons had already registered on the tanker trucks meter as having been transferred. It appears that there is a break in the fill pipe as it runs underground into the Station.

Map Identification Number 612



74TH ST STATION

506 EAST 75TH STREET

MANHATTAN, NY

Spill Number: 9705142

Close Date: 12/12/1997

TT-Id: 520A-0099-151

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: MAJOR OIL FACILITY (>400,000 GAL)  
 Notifier Type: Responsible Party  
 Caller Name: FRANK MASSERIA  
 DEC Investigator: CAENGELH

Spiller: CALLER – CON ED  
 Notifier Name: FRANK MASSERIA  
 Caller Agency: CON ED  
 Contact for more spill info:

Spiller Phone: (212) 580-6763  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 580-6763  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/30/1997 |                     | HUMAN ERROR    | NO                      | NO                  |

| Material Spilled           | Material Class     | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|----------------------------|--------------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN HAZARDOUS MATERIAL | HAZARDOUS MATERIAL | 300.00           | GALLONS | 300.00             | GALLONS | SOIL                 |

#### Caller Remarks:

VALVE LEFT OPEN TOO LONG.

#### DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
 07/30/97: Spill was inadvertently assigned to Region 7 by Dispatch Center. This is a region 2 spill (county = new york).  
 AMChieco.

e2mis 107844

04:20 hrs – OMA Flemming found the chemical mixing moat overflowing and the chemical mixing tank fill valve open. The emergency condensate pump was shutdown and chemical mixing tank fill valve was closed.

Approximately 25 gallons of caustic mixed with water and overflowed into the 6th floor moat. The area was secured and clean-up was begun.

Note: the chemical mixing tank fill valve had been replaced by maintenance and had inadvertently been left open. The emergency condensate pumps are used to fill the boiler when the boilers are off-line. Boiler 122 was being filled using the emergency condensate pump. The emergency condensate pumps are used as normal supply water to the chemical mixing tanks.

07:00 hrs – The chemist checked the ph of the flooded chemical moat on the 6th floor and found the pH to be 12.

07:05 hrs – The operators were dispatched to secure the area under and around the 6th floor chemical moat.

07:18 hrs – CIG Masseria was notified that there was a chemical spill of a dilute sodium hydroxide solution, pH of 12, and that several hundred gallons spilled into the moat and that the moat is overflowing.

07:50 hrs – As per the spill response plan, the chemical spill clean-up vendor, AETC, was notified that support is required. An answering service was contacted who stated that AETC will be notified.

08:15 hrs – A follow-up call was made to AETC. The answering service informed the station that Walt Bertell of AETCc has taken the call and will be contacting us shortly.

08:30 hrs – The area under the 6th floor moat was secured by operations personnel.

08:33 hrs – Mr. Eckhard Debbart of AETC called the station confirming with GWS Tweed that a 5000 gallon vac truck with enough hose to reach the 6th floor moat has been dispatched.

10:30 hrs – All sumps in the basement were tested for pH by the station's chem. techs. The pH in the sumps were normal with a pH of 7.1 and 8.6. As a precaution, the sumps were secured to prevent operation.

11:00 hrs – AETC vendor "bird dog" arrives at the station to determine the clean-up job scope.

11:30 hrs – Using the AETC vac truck, the moat is being vacuumed and all the captured liquid is being transferred to the waste neutralization system via the

AETC truck.

18:28 hrs – The clean-up of the moat and the surrounding areas was completed.

**Map Identification Number 613**      **74TH ST SUBSTATION**  
 506 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 9506204**

**Close Date: 11/21/1997**  
TT-Id: 520A-0099-146

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: TIM SOLICH

DEC Investigator: JHOCONNE

Spiller:

Notifier Name:

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|-------------------|-------------------------|---------|---------------------|---------|----------------------|
| 08/20/1995       |                     | EQUIPMENT FAILURE | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class    | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| SODA ASH         |                     | OTHER             | 1000                    | GALLONS | 0                   | GALLONS | SURFACE WATER        |

Caller Remarks:

PH POF 7.8 AT THE DOCK SITE – SOLUTION IS 1% MIXTURE – SPILL WAS CAUSED BY TANK RUN OFF.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

Zhitomirsky 9initial responder) notes: Leak in the boiler. Some oil from burner went on the floor (~100 gallons of #6 oil). All contained. Con Ed was doing an acid wash, they have to neutralize the water. Soda ash (~10 gallons) was leaking from the bottom of the boiler. In acid wash soda ash used to neutralize. Some HCl leaked in the containment, it was pumped out, then soda ash solution leaked into the containment (~50 gallons). It was pumped out. Then some of the #6 oil (~50 to 100 gallons) leaked into the containment. They are pumping this product out. No product, no soda ash in river (pH 7.6–7.7). USCG inspected and they were satisfied.

8/28/95 (Engelhardt's notes): Len Gelford – USCG gave approval to remove boom on Friday. Moat awaiting repair. Presently removing loose concrete from moat. Leak caused by valve being left open. Have been neutralizing everything with the waste neutralization system. Need to repair valve on waste neutralization line.

**Map Identification Number 614**



**506 E.75TH ST**

506 E.75TH ST

NEW YORK, NY

**Spill Number: 9310354**

**Close Date: 04/30/1998**

TT-Id: 520A-0099-137

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: MR. CONSTANTINE

DEC Investigator: KSTANG

Spiller: SAME

Notifier Name:

Caller Agency: CON-ED

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 11/26/1993 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 100.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

DISCHARGE LINE DEVELOPED LEAK. SPILL WAS CONTAINED IN TANK ROOM. DEP NOTIFIED. CONTRACTOR COMING IN TO DO CLEAN UP. ANY OTHER ACTION UNKNOWN. NCR (516)295-0688. COSMO TO RESPOND FOR DEP –

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead DEC Field was "TANG"

10/10/95: This is additional information about material spilled from the translation of the old spill file: 50% SODIUM HYDROXIDE.

Map Identification Number 615



CON ED 74TH ST GENERATING STATION

506 EAST 75TH ST

MANHATTAN, NY

Spill Number: 0809486

Close Date: 02/10/2009

TT-Id: 520A-0223-973

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1781 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: RWAUSTIN

Spiller: ERT – CON ED

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|----------------|-------------------------|---------|---------------------|---------|----------------------|
| 11/21/2008       |                     | HUMAN ERROR    | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| LUBE OIL         |                     | PETROLEUM      | 100.00                  | GALLONS | 100.00              | GALLONS |                      |

Caller Remarks:

CALLER STATES THAT THERE IS A SPILL OF ABOUT 100 GALLONS OF LUBE OIL TO CONCRETE. SPILL IS CONTAINED AT THIS TIME AND CLEAN UP IS PENDING.

DEC Investigator Remarks:

11/21/08-Vought-Called ConEd ERT (212-580-8383) and spoke to Niel Scow and spilled contained in concrete secondary moat and no sewers or drains affected and spill being cleaned by All-state Vac who is enroute. Cause of spill was contractor equipment malfunction. Spill report will be sent in with routine ConEd spill closures.

2/10/09 – Austin – Spill occurred when suction lines filled with oil were cut/removed, causing spill into tank moat area. Final report indicates that material was contained, cleaned up, and disposed of by Con Ed. See eDocs for Con Ed report – Spill closed – end

**Map Identification Number 616** **215 EAST 68TH ST.**  
 215 EAST 68TH STREET

MANHATTAN, NY

**Spill Number: 9312585**

**Close Date: 01/27/1994**  
 TT-Id: 520A-0099-317

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 1788 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 215 EAST 68TH ST.  
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
 Notifier Type: Responsible Party  
 Caller Name: BOB DECK  
 DEC Investigator: SULLIVAN

Spiller: PETROL TANK CLEANER  
 Notifier Name:  
 Caller Agency: PETROL TANK CLEANERS  
 Contact for more spill info:

Spiller Phone: (718) 624-4842  
 Notifier Phone:  
 Caller Phone: (718) 624-4842  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|------------------|-------------------------|--------------------|---------------------|----------------------|
| 01/26/1994       | 01/27/1994          | HUMAN ERROR      | UNKNOWN                 |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| #6 FUEL OIL      | PETROLEUM           | 100.00           | GALLONS                 | 0.00               | GALLONS             | SOIL                 |

## Caller Remarks:

INSIDE CONTAINED. WILL VACUM OIL UP. – USE SPEEDY DRY &amp; DISPOSE. FAXED TO DEP – CONTAINED INSIDE –

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

## Map Identification Number 617 EAST 75TH ST SUB STATION



75TH ST

MANHATTAN, NY

Spill Number: 9913575

Close Date: 03/26/2003

TT-Id: 520A-0099-300

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: BILL MURPHY

DEC Investigator: JHOCONNE

Spiller: CALLER – CON ED

Notifier Name: MR TYNDALE

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone: (212) 580-6763

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 03/01/2000       |                     | EQUIPMENT FAILURE | NO                      |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled  | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| DIELECTRIC FLUID | PETROLEUM           | 100.00            | GALLONS                 | 0.00               | GALLONS             | SOIL                 |

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Caller Remarks:

CALLER REPORTING THAT OIL HAS LEAKED FROM PUMP HOUSE MOT AND IS CONFINED. SAMPLES TO BE TAKEN AND CLEAN UP PENDING RESULTS.

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
reference spill #0007132

DEC Notes:

3/1/00

ERT Masood Akbar reports that ERT Joe Arcoleo on-site. Leak from pumphouse into moat. Contained in concrete moat. Cleanup tonight on 3-11 shift. Sample taken for PCBs (unknown why-cable oil has no PCBs). Akbar did not know if leaking equipment was repaired.

Substation Operator, Brian Teehan (212) 861-2001.

3/2/00 Spoke with Brian Teehan-cleanup not done yet. Chem Lab on-site for samples. Revised estimate to 10-20gal based on visual examination.

3/2/00 O'Connell and Tipple on site and met with Stu Hanebuth (SSO Env Mgr.) and Brian Teehan (operator).

Oil is in 10ft deep pit beneath series of valves. One of the valves is dripping, but is being diverted to a drum-not source of oil in pit. O'Connell found source on far end of pit-valve is leaking. Station operator did not see it before. They did not know what the source was. Pit is concrete on 3 walls and floor, brick on 4th wall. The brick wall also has many conduits in it-pathways for oil. O'Connell told Hanebuth to get PCB results, vac out pit to complete cleanup and epoxy the brick wall and possibly seal conduits. In meantime, Teehan must get repairs done-also needs to see where conduits go.

3/25/00 Gave all above info to Christine Koehler. Sample results show no PCBs, <0.013ppm benzene and oil is similar to dielectric fluid.

Con Ed e2mis #130198:

03/01/2000 @13:06 Brian Teehan #03177 reports he found approximately 100 gallons of dielectric fluid contained within a concrete moat at the E.75 St. Substation pumphouse. The spill does not involve water, smoke or fire. Samples are pending Chemlab and sign S01594 has been placed. Cleanup is pending sample analysis.

All state Power Vac recleaned the moat again, Sr. Environmental Specialist S. Hanebuth 85259 inspected the moat on October 12, 2000 and found no oil/water or debris left in the moat.



**Map Identification Number 618****EAST 75TH ST. SUB STATION**

525 EAST 75TH STREET

MANHATTAN, NY

**Spill Number: 0409379****Close Date: 12/27/2005**

TT-Id: 520A-0099-263

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2033 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: ANDREW MORRISON

DEC Investigator: GDBREEN

Spiller: ERT DESK - CON EDISON

Notifier Name: ANDREW MORRISON

Caller Agency: CONED

Contact for more spill info: ERT DESK

Spiller Phone: (212) 580-8383

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 11/19/2004 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

**NO MATERIAL INFORMATION GIVEN FOR THIS SPILL****Caller Remarks:**

ONE OUNZE OF MATERIAL AND IT HAS BEEN CLEANED UP. THE C-PHASE POTHEAD ON FEEDER 31, SUPPLIES TRANSFORMER #4: CON ED#156314

**DEC Investigator Remarks:**

e2mis 156314

Stephen P Grell 83964, Senior Substation Operator Was in process of doing an inspection on TR# 4 on feeder 38M31 and found that C Phase pothead had leaked approx. 1 oz of dielectric fluid to the bluestone. He has done a clean up removing bluestone; But the C Phase Pothead will not be repaired until feeder 38M31 becomes dead. He also reports that oil pads have been placed under leaking pothead. There was no fire or smoke involved and no sewer or waterway was affected. There were no injuries related to the spill and no weather conditions contributed to the hazards of the spill. No private property was affected. Spill Tag 3000277 placed.

6/13/05

Trans Ops employee H. Watson re-inspected the equipment associated with this spill on 5/17/05. No evidence of spill observed. No further action or repairs required. We are submitting this spill for closure. M. Pillig, 86856

**Map Identification Number 619** **MANHATTAN EYE/EAR/THROAT**  
 210 EAST 64TH ST

MANHATTAN, NY

**Spill Number: 0002384****Close Date: 11/03/2003**  
TT-Id: 520A-0095-859

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2162 feet to the WNW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Local Agency

Caller Name: JOHN LEDDY

DEC Investigator: SMSANGES

Spiller: MANHATTAN EYE/EAR/THROAT

Notifier Name: L VELASQUEZ

Caller Agency: PROTEST ENTERPRISES

Contact for more spill info: ROY BURNHANM

Spiller Phone:

Notifier Phone: (516) 321-4670

Caller Phone: (631) 321-4670

Contact Person Phone: (212) 838-9200

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),  
 contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 05/24/2000 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

## Caller Remarks:

LEAKING FROM HOSPITAL. CONTAMINATED SOIL FOUND ON PREMISES. POSS PREVIOUS SPILL NUMBER UNKNOWN NUMBER. CALL BACK REQUESTED.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"

LEAK FROM FILL-LINE. CONTAMINATED SOIL PLACED IN DRUMS AND DISPOSED OF. REFER TO 9711366.

**Map Identification Number 620** **GOLDWATER MEMORIAL HOSP**  
 1 MAIN ST

ROOSEVELT ISLAND, NY

**Spill Number: 9714121****Close Date: 10/21/2003**  
TT-Id: 520A-0096-950

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2188 feet to the S

## ADDRESS CHANGE INFORMATION

Revised street: GOLDWATER MEMORIAL HOSPITAL

Revised zip code: 10044

|                   |                    |                              |                           |                       |                |
|-------------------|--------------------|------------------------------|---------------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL VEHICLE | Spiller:                     | JIM CAREY – CASTLE OIL    | Spiller Phone:        | (718) 579-3414 |
| Notifier Type:    | Affected Persons   | Notifier Name:               | JAMES MCNALLY             | Notifier Phone:       | (212) 318-4750 |
| Caller Name:      | JAMES MCNALLY      | Caller Agency:               | GOLDWATER MEMORIAL HOSPIT | Caller Phone:         | (212) 318-4750 |
| DEC Investigator: | SIGONA             | Contact for more spill info: | ABOVE CALLER              | Contact Person Phone: |                |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

|            |                     |                   |                         |                     |
|------------|---------------------|-------------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
| 03/20/1998 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

|                  |                |                  |         |                    |         |                      |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| #6 FUEL OIL      | PETROLEUM      | 100.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

Caller Remarks:

Hose came loose during delivery – spill to ground only – spill contained and castle oil sending cleanup crew

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 621**      **GOLDWATER MEMORIAL HOSPIT**  
 1 MAIN STREET

ROOSEVELT ISLAND, NY

**Spill Number: 9704152**

**Close Date: 10/29/1997**  
 TT-Id: 520A-0096-951

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2188 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: GOLDWATER MEMORIAL HOSPITAL  
 Revised zip code: 10044

|                   |                       |                              |                                           |                       |                |
|-------------------|-----------------------|------------------------------|-------------------------------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | JAMES MCNALLY – GOLDWATER MEMORIAL HOSPIT | Spiller Phone:        | (718) 966-6916 |
| Notifier Type:    | Responsible Party     | Notifier Name:               | JAMES MCNALLY                             | Notifier Phone:       | (212) 318-4750 |
| Caller Name:      | JAMES MCNALLY         | Caller Agency:               | GOLDWATER MEMORIAL HOSPIT                 | Caller Phone:         | (212) 318-4750 |
| DEC Investigator: | SIGONA                | Contact for more spill info: | JAMES MCNALLY                             | Contact Person Phone: | (718) 966-6916 |

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|-------------------|-------------------------|---------|---------------------|---------|----------------------|
| 07/02/1997       |                     | EQUIPMENT FAILURE | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class    | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #6 FUEL OIL      |                     | PETROLEUM         | 1000                    | GALLONS | 1000                | GALLONS | SOIL                 |

Caller Remarks:

FUEL OIL HEATER MALFUNCTION

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

**The following DEC Investigator Remarks were available prior to 1/1/2002:**

DEC (Sigona) conducted MOSF inspection on 10/29/97. Inspection of the equipment confirmed that the oil leaked on the inside of pre-heater system and drained through blow-down piping to new oil water separator which feed to City Sewer. There was no evidence of oil on concrete or leaks to seals. According to Goldwater Reps Jim Stuart, the oil did not escape system, and contractor (MEG) pumped separator twice over 1,000 gallons and cleaned system. No impact to river.

**Map Identification Number 622** **GOLDWATER MEM HOSP**  
 1 MAIN ST

ROOSEVELT ISLAND, NY

**Spill Number: 1100745**

**Close Date: 04/21/2011**  
 TT-Id: 520A-0261-969

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2188 feet to the S

#### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: 10044

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: smsanges

Spiller: GERRY BILIANO – GOLDWATER MEM HOSP  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: GERRY BILIANO

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (212) 318-4751

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|-------------------|-------------------------|---------|---------------------|---------|----------------------|
| 04/21/2011       |                     | EQUIPMENT FAILURE | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class    | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #6 FUEL OIL      |                     | PETROLEUM         | 100.00                  | GALLONS | 0.00                | GALLONS |                      |

## Caller Remarks:

clean up in progress –

## DEC Investigator Remarks:

diaphragm on a fuel line broke in the basement of the hospital power house. Spill was contained to the basement floor. The floor drain in the room goes through an oil water separator. They don't see any oil in the drain. Spill was all cleaned up.

## Map Identification Number 623



67TH ST / 3RD AVE

MANHATTAN, NY

Spill Number: 9814531

Close Date: 08/25/2003

TT-Id: 520A-0093-002

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2223 feet to the NW

## ADDRESS CHANGE INFORMATION

Revised street: E 67TH ST / 3RD AV

Revised zip code: 10021

Source of Spill: COMMERCIAL VEHICLE

Notifier Type: Fire Department

Caller Name: FF FLYNN

DEC Investigator: RWAUSTIN

Spiller: CARLTEN PALMER – S &amp; J SUPPLY INC

Notifier Name: MANHATTAN DISPATCH

Caller Agency: SQ18 – FDNY

Contact for more spill info:

Spiller Phone: (718) 993-0460

Notifier Phone:

Caller Phone: (212) 570-4218

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|------------------|-------------------------|---------|---------------------|---------|----------------------|
| 03/05/1999       |                     | TRAFFIC ACCIDENT | NO                      |         | NO                  |         |                      |
|                  |                     |                  |                         |         |                     |         |                      |
| Material Spilled |                     | Material Class   | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| DIESEL           |                     | PETROLEUM        | 125.00                  | GALLONS | 0.00                | GALLONS | SOIL                 |

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**Caller Remarks:**

FORKLIFT OPERATOR HIT THE CURB AND IT FORCED THE FORKLIFT INTO THE SADDLETANK OF HIS TRUCK – FDNY ON SCENE CLEANING UP – OVERPACK DRUMS TO BE USED

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**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "AUSTIN"  
3/5/99

Left 2 messages for FF Flynn

11:00

Spoke to John from S&J Supply Inc. He said the forklift was unloading the truck and pierced the saddle tank. The FD responded and pumped out the remaining diesel in tank and threw sand and foam on the spilled diesel. They are taking the virgin diesel, and hiring a contractor RA Enmtl from 134th Street in the Bronx to clean and dispose of the sand. John will call me when the work is complete.

8/25/03 – AUSTIN – – SHORT TERM SURF. SPILL – CLOSED IN DATABASE – ORIG. ASSIGNED TO ROMMEL – END

**Map Identification Number 624**

**QUEENSBORO BRIDGE**  
QUEENSBORO BRIDGE

QUEENS, NY

**Spill Number: 9113340**

**Close Date: 06/22/2004**  
TT-Id: 520A-0137-191

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (4)  
Approximate distance from property: 2369 feet to the SSE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: 11101

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name:

DEC Investigator: JHOCONNE

Spiller: CON ED

Notifier Name:

Caller Agency:

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone:

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**Category:** Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

**Class:** Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 02/16/1992 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

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| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 4650             | GALLONS | 0                  | GALLONS | SOIL                 |

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Caller Remarks:

Reported by Con Ed as required under Consent Order.

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## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

2/23/04: Letter from Con Edison states the following:

"The spill occurred... due to a failure in Feeder 38M04. Con Edison's internal spill reporting records indicate that the spill was cleaned up following the repair of the feeder, but specific documentation could not be located. However, spills occurring subsequent to Spill # 9113340 in the same area have been satisfactorily cleaned up and the spill cases closed by the DEC... Con Edison believes that, had any residual contamination associated with Spill 9113340 remained, it would have also been addressed in the cleanup and closure of the subsequent spills."

5/13/04: Response to Con Ed:

"The February 23 letter transmits information on NYSDEC spill no. 9113340 which had been requested by the Department in order to assess the adequacy of cleanup of the spill. The information is inadequate to determine if the spill was remediated. During a meeting this morning, Con Edison staff indicated that this spill may have occurred at or near the feeder risers on the east side of Vernon Boulevard. This is an area that had not been previously remediated, as was stated in the Feb. 23 letter. Please provide copies of documentation regarding the spill location and cleanup." (JHO)

5/27/04: Con Ed transmitted photos of the spill area. TBTA is using the area around the feeders for equipment storage related to work on the bridge. The area immediately surrounding the feeders (approx 10' x 10') is fenced in. Suggested Con Ed collect soil samples from area inside fence area – since that is the area that would have been most heavily impacted (oil would have leaked down the feeder pipe). (JHO)

6/14/04: on site with Matt Madsen, Kalyani Jasti (Con Ed Remediation) and Chem Lab. Collected 3 samples from depth of approx. 1 foot below grade around the feeders inside the fenced area. Will analyze for TPH modified 8100. (JHO)

6/22/04: Lab results received – TPH ranged from 177 ppm to 529 ppm. Close out. (JHO)

**Map Identification Number 625** **59TH ST BRIDGE**  
 59TH ST BRIDGE

QUEENS, NY

**Spill Number: 9105506**

**Close Date: 11/18/1994**  
 TT-Id: 520A-0137-196

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 2369 feet to the SSE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 11101

Source of Spill: COMMERCIAL VEHICLE

Notifier Type: Fire Department

Caller Name: ANTHONY SIGONA

DEC Investigator: SIGONA

Spiller: VAN MAN ADHESIVES

Notifier Name:

Caller Agency: NYSDEC

Contact for more spill info:

Spiller Phone: (718) 384-6110

Notifier Phone:

Caller Phone: (718) 482-4933

Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|------------------|-------------------------|---------------------|
| 08/21/1991 | 11/18/1994          | TRAFFIC ACCIDENT | UNKNOWN                 | NO                  |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

FD HAZ MAT HAD APPROVAL TO FLUSH A NON-TOXIC ADHESIVE DOWN THE SEWER

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

**The following DEC Investigator Remarks were available prior to 1/1/2002:**

/ / : ACCORDING TO THOMAS AT IWCS AND MATOS OF HAZ MAT, THERE WAS NO SUCH APPROVAL.

10/10/95: This is additional information about material spilled from the translation of the old spill file: WATER BASED ADHESIVE.

**Map Identification Number 626** **KEYSPAN RAVENSWOOD GT**  
 VERNON BLVD

LONG ISLAND CITY, NY

**Spill Number: 9909395**

**Close Date: 11/18/2002**  
 TT-Id: 520A-0132-916

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE



|                   |                       |                              |                                        |                       |                |
|-------------------|-----------------------|------------------------------|----------------------------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | PATRICK VANROSSEM – KEYSpan RAVENSWOOD | Spiller Phone:        | (516) 391-6058 |
| Notifier Type:    | Responsible Party     | Notifier Name:               | SAME                                   | Notifier Phone:       |                |
| Caller Name:      | PATRICK VANROSSEM     | Caller Agency:               | KEY SPAN                               | Caller Phone:         | (516) 391-6058 |
| DEC Investigator: | JHOCONNE              | Contact for more spill info: | PATRICK                                | Contact Person Phone: | (516) 391-6058 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 11/02/1999 |                     | ABANDONED DRUM | NO                      | NO                  |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

THE ACTUAL LOCATION IS THE RAVENWOOD TURBINE LOCATION.DURING DEC MANDATED WORK THEY LOCATED A BURIED 55 GALLON DRUM.THE DRUM DID NOT LEAK.UNKNOWN WHAT IS IN THE DRUM.JANE OCONNEL FROM DEC REQUESTED THAT INCIDENT BE ISSUED A SPILL NUMBER FOR TRACKING PURPOSES.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

11/3/99: call from Dom DiGiorgio – Drum has been uncovered – top is bent back and drum is filled with possibly contaminated soil. Samples taken for PCBs, oil ID. Duplicates taken by Clean Harbors to be sent to outside lab. (JHO)

11/10/99: on site with Dominick DiGiorgio (KeySpan Env. Manager). During pre-drilling clearance for GT site investigation, uncovered drums (1 each thus far at GT Unit #8, 9 and 10). Drum at each location is directly next to GT foundation. There is a metal beam laying across the top of each of the drums. One of the drums was opened and sampled (oil ID, PCBs plus hz. char. for disposal). I told DiGiorgio to have structural engineer examine excavation/beam before attempting to remove drums. (JHO)

12/16/99: Update from Patrick Van Rossem – while drilling boring GTSB-7 at GT Unit #10, found soil contamination. Samples collected. (JHO)

11/18/02: Based on the information presented in KeySpan's Site Investigation Report dated May 2002, prepared by Foster Wheeler Environmental, this spill has been closed. (JHO)

**Map Identification Number 627****RAVENSWOOD GENERATING STA**

3854 VERNON BLVD.

QUEENS, NY

**Spill Number: 9909003****Close Date: 11/12/2004**

TT-Id: 520A-0132-770

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Local Agency

Caller Name: CHERELLE MAYFIELD

DEC Investigator: JHOCORNE

Spiller: CALLER – CON ED

Notifier Name: CHERELLE MAYFIELD

Caller Agency: DEP

Contact for more spill info: KEVIN ALLEN

Spiller Phone:

Notifier Phone: (718) 595-6777

Caller Phone: (718) 595-6777

Contact Person Phone: (212) 374-5500

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/25/1999 |                     | HUMAN ERROR    | NO                      | NO                  |

| Material Spilled | Material Class     | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|--------------------|------------------|---------|--------------------|---------|----------------------|
| AMMONIA          | HAZARDOUS MATERIAL | 100.00           | GALLONS | 0.00               | GALLONS | SEWER                |

**Caller Remarks:**

AMONIA LEAK CAUSING 3 PERSONS TO BE INJURED–HAZMAT AND INDUSTRIAL WASTE ARE BEING NOTIFIED AT THIS TIME.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

10/25/99 – Spoke with OEM Washington – spill is from two trucks outside plant property. Approx 100 gallons spilled into street and sewer system. Unknown at this time if trucks were making delivery to KeySpan. 3 people injured due to inhalation. A rep from OEM is on location. FDNY and NYPD also on location. (CAE)

On location with FDNY, NYPD, OEM, DEP. Spill of ammonia/citric acid occurred during mixture of two chemicals in tanker. Used for boiler cleaning. Tanker pressurized and blew open hatch. Spill is on KeySpan property. Miller Environmental Group was on-site at time of spill – cleaning by washing with water and vaccing up. Product delivery at NW corner of building. Some got into drain which enters facility discharge canal.

Acc'd to Dom DiGiorgio last delivery was in 1994. Gene Urso (Phillips Services Corp. – boiler cleaning contractor) reported that the reaction takes place by adding all of both reactants to tanker truck. The reaction is then controlled by controlling the

mixing rate. Tanker is on portable 2ndary containment, but spill extended beyond the 2ndary containment. Gene Urso checked tanker and reported about 50 gallons was lost. At the time of the incident, 3 Phillips employees were right next to truck and none were injured. During mixing the pressure is not monitored. The mixing rate is selected based on prior experience. DiGiorgio to meet with Phillips execs to get their procedures and mixing ratios. (CAE)

10/26/99 – Article in NEWSDAY reports that approx. 100 employees were evacuated from the plant during the incident.

2/12/2003 – Closed Due To The Nature / Extent Of The Spill Report

2/5/04: Spill closed without review of file which is maintained by Con Ed monitors. Re-opened by O'Connell.

**Map Identification Number 628****RAVENWOOD POWER STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9908459****Close Date: 03/28/2003**

TT-Id: 520A-0132-769

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Federal Government

Caller Name: PETIT OFFICER HUDMAN

DEC Investigator: JHOCONNE

Spiller: CALLER – KEYSpan

Notifier Name: RESPONSIBLE PARTY

Caller Agency: US COAST GUARD

Contact for more spill info: CARL WILLIAMS

Spiller Phone:

Notifier Phone:

Caller Phone: (718) 354-4136

Contact Person Phone: (516) 545-4007

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 10/12/1999       |                     | EQUIPMENT FAILURE | NO                      |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled  | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| WHITE CAUSTIC    | HAZARDOUS MATERIAL  | 100.00            | GALLONS                 | 100.00             | GALLONS             | SOIL                 |

**Caller Remarks:**

WHEN RECEIVING A DELIVERY AN EMPLOYEE NOTICED AN OPEN VALVE & BEFORE IT COULD BE CLOSED 100 GALLONS SPILLED – SPILL WENT TO A SECONDARY CONTAINMENT AREA

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
Duplicate of spill # 9908456.

**Map Identification Number 629****RAVENSWOOD POWER STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9908456****Close Date: 08/08/2000**

TT-Id: 520A-0132-768

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: CARL WILLIAMS

DEC Investigator: JHOCONNE

Spiller: CALLER – KEYSpan

Notifier Name: A PATTERSON

Caller Agency: KEY SPAN ENERGY

Contact for more spill info: CALLER

Spiller Phone:

Notifier Phone: (718) 706-2753

Caller Phone: (516) 545-4007

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 10/12/1999 |                     | HUMAN ERROR    | NO                      | NO                  |

| Material Spilled | Material Class     | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|--------------------|------------------|---------|--------------------|---------|----------------------|
| WHITE CAUSTIC    | HAZARDOUS MATERIAL | 100.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

UNK SUBJ LEFT A DRAIN VALVE OPEN – SPILLED INTO A "MOAT", CONTAINED

CLEAN HARBORS CONTACTED – STEVE BRENNAN 718-706-2725 FOR MORE INFO.

ABOVE GROUND TANK: 1000GAL

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

Approximately 100 gallons caustic soda leaked from valve into secondary containment area. No injuries, no release to environment. Containment pumped out – clean up completed 2200 hours 10/12/99.

**Map Identification Number 630****RAVENSWOOD GENERATING STA**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9806076****Close Date: 08/07/2000**

TT-Id: 520A-0132-904

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: BILL MURPHY

DEC Investigator: CAENGELH

Spiller: CON EDISON

Notifier Name: MR SPAGNOLO

Caller Agency: CON EDISON

Contact for more spill info: BILL MURPHY

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 08/16/1998 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 500.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

BOWSER FOR 30 UNIT MAIN OIL RESEVOIR FAILED CAUSING SPILL – SPILL CONTAINED IN SUB BASEMENT / CLEAN UP CREW ENROUTE

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

Notes from Steve Saccacio:

The spilled oil entered the sump and was pumped to a settling tank. The settling tank led to an oil water separator. According to Dom Digiorgio, the designed separator clean water gravity feed into the discharge tunnel did not work. Instead ConEd used two external pumps to pump the water into the tunnel. After the spill, ConEd shut down the pumps and closed the separator effluent (gravity feed). According to ConEd, the separator had over flowed but no oil escaped. One of the external pump's hose was cut and checked for oil residue. It looked clean. Later, ConEd noticed that the level in the separator dropped. ConEd claimed that the separator effluent valve leaked. ConEd check the river out fall and verified that oil had escaped. ConEd estimated the escape at 5 gallons. They replaced the boom before my arrival. It appeared that with the 1,000,000 gal/min that the boom system would not prevent oil from escaping. ConEd requested permission to run emergency flood control pumps if necessary while the sump pump system was offline. The emergency flood control pumps empty directly into the river. Approval was given with the following conditions. 1) The each plant held it's own water and only when that plant's water level became critical, then that flood

control system would be activated. 2) The system is operated manually too lower the water to a safe level. The normal plant flow diagram is as follows:

Plant1 -> Plant2-> Plant3 (spill) -> Settling Tank -> Separator -> River

The separator was vacced and the settling tank is to be emptied into the separator. The oil in the basement is being swepted free of oil and then the separator is to be put back online.

There was also an equipment vault were some of the oil was trapped. This vault is watertight and must be emptied manually. ConEd said they would have that done on a non-emergency basis.

USCG (Tim Macon) was on scene.

Spill transferred to Engelhardt on 8/17/98.

#### Map Identification Number 631



#### RIVER

38-54 VERNON BL

QUEENS, NY

Spill Number: 9713869

Close Date: 03/30/1998

TT-Id: 520A-0132-944

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: CAENGELH

Spiller: TIM SOILCH - CON EDISON

Notifier Name: MR WALLER

Caller Agency: CON ED

Contact for more spill info: RICHARD ROACH

Spiller Phone: (212) 580-6764

Notifier Phone: (718) 706-2700

Caller Phone: (212) 580-6764

Contact Person Phone: (212) 580-6764

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 03/16/1998       |                     | EQUIPMENT FAILURE | NO                      |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled  | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| LUBE OIL         | PETROLEUM           | 320.00            | GALLONS                 | 0.00               | GALLONS             | SURFACE WATER        |

## Caller Remarks:

CALLER NOT VERY COOPERATIVE WITH EXPLANATION – SAID OIL COOLER LEAKING

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

MULQUEEN RESPONDED. OIL MIXED WITH RIVER WATER IN OIL COOLER. OIL COOLER COIL APPEARS TO HAVE RUPTURED. SPEDES DISCHARGE POINT FLOWING AT .5MG, AND RIVER RUNNING STRONG NORTH. S & D CHANGED OUT SORBENT BOOM AT MOUTH OF DISCHARGE. OIL COOLER TAKEN OFF LINE. AS OF 6:30 AM, NO SHEENING IS OBSERVED. USCG AND DEP ALSO RESPONDED DOMINICK DIGIORGIO ESTIMATED 320 GALLONS OF TURBINE OIL WENT OUT THROUGH THE OUTFALL.

3/26/98 phone conversation with plant environmental manager Dom Digiorgio:

320 gallons determined by determining leak rate and extrapolating over the time the cooler had been in service which was three weeks, so 320 is the maximum leaked over three week period. Difficult to do inventory check because lube system is manifolded to many tanks. Leak repaired. Cooler scheduled for replacement.

## Map Identification Number 632

## WATER



38-54 VERNON BL

QUEENS, NY

Spill Number: 9712094

Close Date: 02/02/1998

TT-Id: 520A-0132-942

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: WILLIAM MURPHY

DEC Investigator: CAENGELH

Spiller: TIM SOILCH – CON EDISON

Notifier Name: MR FOLEY

Caller Agency: CON ED

Contact for more spill info: WILLIAM MURPHY

Spiller Phone: (212) 580-6764

Notifier Phone: (212) 580-6763

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 01/30/1998       |                     | EQUIPMENT FAILURE | NO                      |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled  | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| LUBE OIL         | PETROLEUM           | 100.00            | GALLONS                 | 0.00               | GALLONS             | SURFACE WATER        |

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**Caller Remarks:**

LEAK IN HEAT EXCHANGER ON RIVER SIDE – RAVENSWOOD STATION – RESERVOIR IS 100 GALS LOW – REQUEST CONTACT

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**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
COAST GAURD ENROUTE. FD ENROUTE CON ED BOAT ENROUTE.

Spoke to Dom Digorgio of Ravenswood Gen Station (Env. Mngr.). Heat Exchanger was put in 2 1/2 weeks ago. Presume that there was a small leak for this period. Based on this update spill size to 68 gallons. No oil ever found on river or within boomed discharge canal.

Con Ed 5/7/99 60-Day Spill report, reports that inventory loss was 340 gallons.

**Map Identification Number 633****RAVENSWOOD GEN STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9709357****Close Date: 01/02/1998**

TT-Id: 520A-0132-937

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEVE ROMERO

DEC Investigator: JHOCONNE

Spiller: CON ED

Notifier Name: MR MCKINLEY

Caller Agency: CON ED

Contact for more spill info: MR MCKINLEY

Spiller Phone:

Notifier Phone: (718) 706-2706

Caller Phone: (212) 580-6763

Contact Person Phone: (718) 706-2706

**Category:** Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

**Class:** Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 11/12/1997 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

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| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 275.00           | GALLONS | 0.00               | GALLONS | SURFACE WATER        |



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**Caller Remarks:**

internal leak on cooler taken out of service – no sign of oil in river

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**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

11/12/97, 11:00AM – spoke with Mr. McKinley – over the past 24 hours, they noticed that the volume of lube oil in the cooler dropped. The cooler was taken out of service to check for leaks. A leak was found and repaired. An inventory check found a discrepancy of 275 gallons – assumed discharge to the East River. They inspected the discharge canal and the river – did not see any oil. Referred to Brian Mitchell, DEC Water Unit.

**Map Identification Number 634****RAVENSWOOD GENERATION**

40TH AVE/BRENNAN BLVD

QUEENS, NY

**Spill Number: 9708177****Close Date: 09/21/2000**

TT-Id: 520A-0132-958

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: CAENGELH

Spiller: TIM SOILCH – CON EDISON

Notifier Name: RICHARD ROACH

Caller Agency: CON ED

Contact for more spill info: RICHARD ROACH

Spiller Phone: (212) 580-6764

Notifier Phone: (212) 580-6764

Caller Phone: (212) 580-6764

Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |                    | Penalty Recommended |                      |
|------------------|---------------------|-------------------|-------------------------|--------------------|---------------------|----------------------|
| 10/10/1997       |                     | EQUIPMENT FAILURE | NO                      |                    | NO                  |                      |
| Material Spilled | Material Class      | Quantity Spilled  | Units                   | Quantity Recovered | Units               | Resource(s) Affected |
| DIELECTRIC FLUID | PETROLEUM           | 200.00            | GALLONS                 | 0.00               | GALLONS             | SOIL                 |

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**Caller Remarks:**

TRANSFORMER COOLING FIN MAY HAVE CAUSED SPILL-RADIATOR TO BE SHUT

## DOWN AND REMOVED--SPILL IN PROCESS OF BEING CLEANED UP

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
E-mail rec'd 9/13/99 from Pat Van Rossem, KeySpan Energy:

"Groundwater monitoring well # MWRV-10 was installed in October of 1999 to evaluate conditions relating to Spill no. 9708177 associated with Transformer 3S on the Ravenswood Generating Station site. During the development of this well on October 18, 1999, a sheen was observed on water removed from the well as documented on the well development data sheet provided in the Ravenswood Generating Station Site Investigation Report dated April 19, 2000. During another sampling event on December

9, 1999, a trace sheen was noted on the water removed from this well when it was purged, as noted on the well purge data sheet provided in the Ravenswood Generating Station Site Investigation Report. Groundwater sample results from this well did not detect VOAs or PAHs in the groundwater.

During several additional rounds of groundwater level monitoring

performed on this well between December 22, 1999 and June 5, no product was detected in this well. In addition, on August 31, 2000, MWRV-10 was tested for product or sheen, and none was observed. The well was purged using vacuum enhanced fluid recovery techniques, and allowed to recover. After recovery, it was checked again for evidence of product or sheen, and none was observed.

Based on the fact that no VOAs or PAHs were detected in the groundwater sample results and no visual evidence of product or sheen has been noted in this well since December of 1999, it is unlikely that LNAPL is present in this well or in the formation."

**Map Identification Number 635****RAVENWOOD GENERATING STAT**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9703544****Close Date: 11/13/2003**

TT-Id: 520A-0132-933

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEVE ROMERO

DEC Investigator: CAENGELH

Spiller: CON EDISON

Notifier Name: MR MCHUGH

Caller Agency: CON ED

Contact for more spill info: STEVE ROMERO

Spiller Phone:

Notifier Phone: (718) 706-2753

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|-------------------|-------------------------|---------|---------------------|---------|----------------------|
| 06/22/1997       |                     | EQUIPMENT FAILURE | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class    | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| LUBE OIL         |                     | PETROLEUM         | 150.00                  | GALLONS | 0.00                | GALLONS | SOIL                 |

## Caller Remarks:

TURBINE #30 GOVENOR VALVE LEAKED – CLEAN UP IN PROGRESS

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
e2mis 108539

Unit #30 Turbine Governor Valve developed a oil leak from a impulse valve. The bonnet of the valve became loose and 150 gallons of turbine lube oil sprayed onto the elevation grating . The spill was contained of the 16'elevation concrete floor and clean up with oil pads is in progress at the time of this report. The valve bonnet was re-attached to prevent a further incident. No oil entered the waterway or drains in the station area. Report filed by P.Mchugh Shift Supervisor at 1520 hrs. Tel- 706-2753

## Map Identification Number 636



## RAVENSWOOD STATION

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

## Spill Number: 9701205

## Close Date: 10/16/1998

TT-Id: 520A-0132-923

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: FRANK MASSERIA

DEC Investigator: JHOCONNE

Spiller: TIM SOILCH – CON EDISON

Notifier Name: MR MCINTOSH

Caller Agency: CON ED

Contact for more spill info: FRANK MASSERIA

Spiller Phone: (212) 580-6764

Notifier Phone: (718) 706-2753

Caller Phone: (212) 580-6763

Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill     | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|--------------------|-------------------------|---------|---------------------|---------|----------------------|
| 04/27/1997       |                     | EQUIPMENT FAILURE  | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class     | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| BROMINE          |                     | HAZARDOUS MATERIAL | 200.00                  | GALLONS | 200.00              | GALLONS | SOIL                 |

## Caller Remarks:

LEAK PIPE IN BLOW DOWN PIPE SPILLING 200 G OF BROMATE ON TO CONCRETE FLOOR CLEANUP IN PROGRESS

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

4/28/98 (Katz notes): Dom DiGiorgio, Env, Manager – contractor is HydroChem. Acid wash on #10 boiler – went through de-greasing stage (detergent); bromine wash went OK until discharge – line leak, went into sub-basement. HydroChem used vacuum truck to clean up. Oil/water separator sump pit shut down in case of emergency. No discharge to East River. Leak was found and is being repaired. Cause of failure was corrosion in pipe at elbow in weld.

10/10/97: TRANSFERRED FROM KATZ TO O'CONNELL.

## Map Identification Number 637



**RAVENSWOOD GEN STATION**  
37TH STREET & VERNON BLVD

LONG ISLAND CITY, NY

Spill Number: 9508444

Close Date: 11/21/1997  
TT-Id: 520A-0132-862

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: RICHARD ROACH

DEC Investigator: JHOCONNE

Spiller: RICHARD ROACH – CON EDISON

Notifier Name: MR KING

Caller Agency: CON ED

Contact for more spill info: MR KING

Spiller Phone: (212) 580-6764

Notifier Phone: (718) 706-2753

Caller Phone: (212) 580-6764

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|-------------------|-------------------------|---------|---------------------|---------|----------------------|
| 10/11/1995       |                     | EQUIPMENT FAILURE | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class    | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| LUBE OIL         |                     | PETROLEUM         | 150.00                  | GALLONS | 150.00              | GALLONS | SOIL                 |

## Caller Remarks:

LEAK ON GOVERNOR VALVE ON GENERATOR. ONTO CONCRETE FLOOR. VALVE BEING REPAIRED.

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

10/11/95, 8:45 AM (Katz notes): on cement in station. More like 50 gallons. Removing governor – emergency pump kicked on and pumped oil. Control operator noted on control board – sent man to investigate and shut off pump.

10/10/97: TRANSFERRED FROM KATZ TO O'CONNELL

## Map Identification Number 638



## RAVENSWOOD GENERATING STA

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

## Spill Number: 9502158

## Close Date: 05/20/1995

TT-Id: 520A-0132-802

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: ANTHONY CONSTANTINE

DEC Investigator: CAENGELH

Spiller: CON EDISON

Notifier Name:

Caller Agency: CON EDSION

Contact for more spill info:

Spiller Phone: (718) 706-2873

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 05/20/1995 | 05/20/1995          | EQUIPMENT FAILURE | UNKNOWN                 |  | NO                  |  |

| Material Spilled                 | Material Class         | Quantity Spilled | Units             | Quantity Recovered | Units             | Resource(s) Affected |
|----------------------------------|------------------------|------------------|-------------------|--------------------|-------------------|----------------------|
| UNKNOWN PETROLEUM<br>TURBINE OIL | PETROLEUM<br>PETROLEUM | 300.00<br>0      | GALLONS<br>POUNDS | 0.00<br>0          | GALLONS<br>POUNDS | SOIL<br>SOIL         |

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Caller Remarks:

TURBINE OIL OVERFLOWED – ALARM FAILED

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

6/27/95: Dom Digiorgio, Env. Manager – defective float switch. Level in oil reservoir for bowser (filtration unit) went up.

Alarm should have gone off and pump should have evacuated oil. Float was stuck. A separate float was supposed to initiate pump.

They have ordered a different typr of float device (Fischer Boston copacitive level sensor – totally electronic) – expected on site within 2 weeks.

Oil spilled into spent oil room.

**Map Identification Number 639**



**RAVENSWOOD STA.**

38–54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9415130**

**Close Date: 08/03/2000**

TT-Id: 520A–0132–856

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEPHEN ROMERO

DEC Investigator: CAENGELH

Spiller:

Notifier Name: DOM DIGIORGIO

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone: (718) 706–2703

Caller Phone: (212) 580–6763

Contact Person Phone:

---

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

---

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 02/17/1995 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

---

| Material Spilled                 | Material Class         | Quantity Spilled | Units             | Quantity Recovered | Units             | Resource(s) Affected |
|----------------------------------|------------------------|------------------|-------------------|--------------------|-------------------|----------------------|
| UNKNOWN PETROLEUM<br>TURBINE OIL | PETROLEUM<br>PETROLEUM | 5000<br>0        | GALLONS<br>POUNDS | 0<br>0             | GALLONS<br>POUNDS | SOIL<br>SOIL         |

-----  
Caller Remarks:OIL SPILLED FROM A TURBINE – OIL IS CONTAINED IN A CONTAINMENT ROOM.  
-----

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

2/17/95: arrived on scene at 3:15 PM. FDNY Haz Mat on scene. Leak from south oil cooler on turbine unit 3. Pump rate – 50 to 60 psi. Pressure on cooler slowed to 12 psi. Much of oil contained in spent oil tank room. Some has penetrated secondary containment on south and west walls of tank. Con Ed has built a small berm around oil west of the spent oil room. Oil is close to overflowing the berm, beyond which there is a floor drain. Floor drains have been filled with sand bags and sorbent pads. Leak discovered by plant personnel near cooler, after drop in pressure was noted. Pete Guadiuso (Env Engineer), Dom DiGiorgio (Env Manager) – Con Ed

Presently pumping only when temp of bearings reaches 180 degrees F. They are worried about melting the bearings. Safe operating T is up to 650 degrees F. Need to get temp down to 600 degrees F, usually takes about 12 hrs.

See spill #s 9415138 (duplicate report from FDNY), 9415141 (duplicate report from NYCDEP).

**Map Identification Number 640****CON EDISON–RAVENSWOOD**

38–54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9411976****Close Date: 06/15/2006**

TT-Id: 520A–0132–922

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: MAJOR OIL FACILITY (&gt;400,000 GAL)

Notifier Type: Fire Department

Caller Name: FIRE FIGHTER KELLER

DEC Investigator: JHOCONNE

Spiller: CON EDISON

Notifier Name:

Caller Agency: NYCFD

Contact for more spill info:

Spiller Phone: (212) 460–4833

Notifier Phone:

Caller Phone: (917) 882–5464

Contact Person Phone:

-----  
Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Unable or Unwilling RP – DEC Field Response – DEC Corrective Action Required

| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|-------------------|-------------------------|---------|---------------------|---------|----------------------|
| 12/07/1994       |                     | EQUIPMENT FAILURE | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class    | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #6 FUEL OIL      |                     | PETROLEUM         | 15000                   | GALLONS | 0                   | GALLONS | GROUNDWATER          |

## Caller Remarks:

SEE SPILL #9411975 –SIGONA RESPONDED AT 11:45 ON SCENE

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

See spill # 9411975.

## Map Identification Number 641



## RAVENSWOOD GEN STATION

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 9404996

Close Date: 05/20/1999

TT-Id: 520A-0132-868

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: STEVE CRIBBIN

DEC Investigator: CAENGELH

Spiller: CON EDISON

Notifier Name:

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 07/12/1994 |                     | EQUIPMENT FAILURE | NO                      | NO                  |



| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 100.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

---

**Caller Remarks:**

LEAK IN FUEL OIL HEATER. WILL CLEAN UP- MILLER ENVIRONMENTAL GROUP.

---

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

5/20/99: After reviewing available data on this spill, it was concluded that the oil was contained on the concrete floor in the Generating Station basement. No release to the environment occurred. Clean up was completed by Miller Environmental group.

**Map Identification Number 642****RAVENSWOOD FACILITY**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9306563****Close Date: 08/29/1993**

TT-Id: 520A-0132-791

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: JOE DEZOTI

DEC Investigator: TOMASELLO

Spiller: CON EDISON

Notifier Name:

Caller Agency: CON EDISON

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (212) 580-6763

Contact Person Phone:

**Category:** Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

**Class:** Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 08/29/1993 | 08/29/1993          | EQUIPMENT FAILURE | UNKNOWN                 | NO                  |

---

| Material Spilled  | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|-------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| UNKNOWN PETROLEUM | PETROLEUM      | 1500             | GALLONS | 0                  | GALLONS | SOIL                 |
| TURBINE OIL       | PETROLEUM      | 0                | POUNDS  | 0                  | POUNDS  | SOIL                 |

---

**Caller Remarks:**

OIL LINE RUPTURED DEP ON SCENE – NYC FIRE ON SCENE – CON ED CLEAN UP SPILL CONTAINED W/ IN BLD WILL REPLACE OIL LINE, WILL CONTACT CLEAN UP.

---

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

**The following DEC Investigator Remarks were available prior to 1/1/2002:**

8/29/93: TOMASELLO CALLED CON ED-MR. DeZOTI AT 12:18, REMARKS AS FOLLOWS: "TURBINE UNIT #30. MR. RICH-IN STATION DISGRUNTLED. NO CONTACT WITH RIVER – ALL IN SUBBASEMENT. LUBE OIL (AS IN VEHICLE ENGINE). SUMPS? PROVISIONS WERE MADE SO OIL WILL NOT GO IN RIVER (EAST RIVER). CONCRETE BASEMENT. AAA TO BE CALLED. TURBINE WAS SHUT DOWN. SMALL FIRE ASSOCIATED WITH IT. OIL WENT ON FIRE – CONTROLLED IMMEDIATELY. HANG UP 12:22."  
SEE ALSO SPILL #9306561, DUPLICATE REPORT BY NYCDEP.

**Map Identification Number 643**


**38-54 VERNON BLVD/CONED**  
38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 9103765**

**Close Date: 07/08/1991**

TT-Id: 520A-0132-796

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: VESSEL  
Notifier Type: Affected Persons  
Caller Name: STEVEN CRIBBEN  
DEC Investigator: SIGONA

Spiller: CON EDISON  
Notifier Name:  
Caller Agency:  
Contact for more spill info:

Spiller Phone: (212) 460-4833  
Notifier Phone:  
Caller Phone: (212) 580-6763  
Contact Person Phone:

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| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 07/08/1991 | 07/08/1991          | EQUIPMENT FAILURE | UNKNOWN                 |  | NO                  |  |

---

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 200.00           | GALLONS | 0.00               | GALLONS | SURFACE WATER        |

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**Caller Remarks:**

BARGE B-75 BOUCHARD; LEAK ON DECK AND OIL LINE ON BARGE

---

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 644****RAVENWOOD/QUEENS/CON ED**

RAVENWOOD FACILITY/LIC

NEW YORK CITY, NY

**Spill Number: 8905773****Close Date: 09/12/1989**

TT-Id: 520A-0132-793

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Federal Government

Caller Name: USEPA

DEC Investigator: SIGONA

Spiller: CON ED

Notifier Name:

Caller Agency: WOODY DOUGLAS

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (201) 321-4349

Contact Person Phone:

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 09/05/1989 | 09/12/1989          | DELIBERATE     | UNKNOWN                 | NO                  |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

ASBESTOS CONTAMINATED MUD, COULD BE GOING INTO EAST RIVER, CLEAN UP INPROGRESS.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

**The following DEC Investigator Remarks were available prior to 1/1/2002:**

10/10/95: This is additional information about material spilled from the translation of the old spill file: ASBESTOS (MUD).

**Map Identification Number 645****RAVENSWOOD GEN STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 8905144****Close Date: 02/15/1995**

TT-Id: 520A-0132-794

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Federal Government  
 Caller Name: CURTIS GARNER  
 DEC Investigator: MANDALA

Spiller: CON ED- ENVIRON AFFAIRS  
 Notifier Name:  
 Caller Agency: USCG  
 Contact for more spill info:

Spiller Phone: (212) 460-2273  
 Notifier Phone:  
 Caller Phone: (212) 668-7920  
 Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 08/24/1989 | 02/15/1995          | DELIBERATE     | UNKNOWN                 | NO                  |

| Material Spilled    | Material Class     | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|---------------------|--------------------|------------------|---------|--------------------|---------|----------------------|
| SODIUM HYPOCHLORITE | HAZARDOUS MATERIAL | 900.00           | GALLONS | 0.00               | GALLONS | SURFACE WATER        |

#### Caller Remarks:

FLUSHING MATERIAL INTO RIVER, ONGOING SITUATION.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

#### The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: SODIUM HYPOCHLORITE

#### Map Identification Number 646



**\*\*DRILL\*\*DRILL\*\*TRANSCANADA POWER PLANT**  
 38-54 VERNON BLVD

LONG ISLAND CITY, NY

**Spill Number: 1107869**

**Close Date: 09/21/2011**  
 TT-Id: 520A-0266-071

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: 11101

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: SFRAHMAN

Spiller: \*\*DRILL\*\*DRILL\*\*UNKNOWN BARGE  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: PAUL SERVA

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (718) 706-2873

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 09/21/2011 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 12000            | GALLONS | 0                  | GALLONS |                      |

Caller Remarks:

**\*\*DRILL\*\*DRILL\*\*DRILL\*\*** – 28000 gallon total – 12000 East River – 16000 on land – Cleanup crews enr – **\*\*DRILL\*\*DRILL\*\*DRILL**

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 647** **RAVENSWOOD GEN STATION**  
 38-54 VERNON BLVD

QUEENS, NY

**Spill Number: 0912405**

**Close Date: 02/26/2010**  
 TT-Id: 520A-0248-844

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: DEC

Caller Name:

DEC Investigator: smsanges

Spiller: KEVIN FENMESSEY – TRANS CANADA

Notifier Name:

Caller Agency:

Contact for more spill info: KEVIN FENMESSEY

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (718) 706-2773

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Unable or Unwilling RP – DEC Field Response – DEC Corrective Action Required

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 02/26/2010 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| KEROSENE         | PETROLEUM      | 24000            | GALLONS | 0                  | GALLONS | SOIL, GROUNDWATER    |

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Caller Remarks:**\*\*INCIDENT REPORT NRC #932394 \*\***

## DESCRIPTION OF INCIDENT-

CALLER IS REPORTING A KEROSENE SPILL THAT WAS DISCOVERED ON PROPERTY ON WEDNESDAY. THE SPILL WAS INITIALLY THOUGHT TO BE MINOR. FURTHER DISCOVERY OF MATERIAL AMOUNT LOST HAS BEEN MADE. THERE WAS A LEAK IN AN UNDERGROUND PIPE. THE LEAK HAS NOT BEEN LOCATED, BUT THE PIPE HAS BEEN ISOLATED AND DRAINED. THERE WAS A TOTAL OF 24,000 GALLONS OF KEROSENE RELEASED INTO THE GROUND FROM THE UNDERGROUND PIPE. THE PIPE LEADS FROM A STORAGE TANK TO A GAS TURBINE UNIT ON THE FACILITY.

## REMEDIAL ACTIONS

THE PIPE WAS ISOLATED AND DRAINED. INVESTIGATION UNDERWAY.

Release Secured: YES

Release Rate:

Estimated Release Duration:

---

## DEC Investigator Remarks:

This is a duplicate spill report to a previously reported spill.

Cross Ref #0912405

**Map Identification Number 648****TRANS CANADA**

3854 VERNON BLVD

LONG ISLAND CITY, NY

**Spill Number: 0900597****Close Date: 11/06/2009**

TT-Id: 520A-0226-195

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Local Agency

Caller Name:

DEC Investigator: SFRAHMAN

Spiller: JOSEPH RANDAZZO - TRANS CANADA

Notifier Name:

Caller Agency:

Contact for more spill info: JOSEPH RANDAZZO

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (718) 706-2875

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Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|-------------------|-------------------------|---------|---------------------|---------|----------------------|
| 04/16/2009       |                     | EQUIPMENT FAILURE | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class    | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #6 FUEL OIL      |                     | PETROLEUM         | 1000                    | GALLONS | 0                   | GALLONS |                      |

Caller Remarks:

DUE TO A LEAK IN THE PIPE LINE ABOUT 200 GALLONS OF PRODUCT SPILLED TO THE VALUT AREA OF THE TANK. CLEAN UP IS PENDING. CONTRACTORS ARE ON SITE.

UPDATE 04/16/09 1658HRS: THE AMOUNT OF PRODUCT SPILLED TO THE VAULT IS 1000 GALLONS.

DEC Investigator Remarks:

Transfer pipeline from barge to tank. Pipe into the vault had a leak in an elbow. Leak was confined in an underground trench. Pipeline was taken out of service until repairs can be made. Cleanup is underway as of 2PM. Cleanup contractor is: Waste Recycling 516-790-1450.

\*\*\*UPDATE\*\*\* 5PM – Spill is larger than previous thought. There is a network of underground trenches with pipelines, electrical lines and water lines running through them. This oil spill has flowed into several attached trenches and the cleanup crew is trying to find all the contamination.

A site visit is required

04/17/09 Performed site visit today.Approx. 800 gallons released from the pipe leak inside the trench.So far approx 500 gallon recovered and trench cleaned. About 200 ft of trench still have product contained in it.Clean up on going.Point of contact: Kenneth Yager,(718)706-2702.(sr)

05/14/09 Performed site meeting this morning with TransCanada rep,Kevin Fennessey.Trench has been cleaned up.Minor product seeped through the Trench seem and trapped within fabric liner.That is hard to recover.(sr)

11/06/09 Rec'd closure report.Case closed.(sr)

**Map Identification Number 649****CON ED TUNNEL**

RAVENSWOOD POWER PLANT ON VERNON BLVD QUEENS, NY

**Spill Number: 0900134****Close Date: 06/02/2009**

TT-Id: 520A-0227-951

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Local Agency

Caller Name:

DEC Investigator: RWAUSTIN

Spiller: ERT – CON ED

Notifier Name:

Caller Agency:

Contact for more spill info: ERT

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 04/03/2009 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| DIELECTRIC FLUID | PETROLEUM      | 150.00           | GALLONS | 0.00               | GALLONS |                      |

**Caller Remarks:**

Fluid is contained at this time. Clean up is completed.

**DEC Investigator Remarks:**

4/6/09–HRAHMED–Spoke to ConEd ERT. Dielectric Fluid leaked from a coupling in the shaft of feeder pipe and was spilled on 500 gal. of water in the tunnel. Miller Environment was responded for the cleanup. They pumped out the oil/water mixture in to a oil–water separator and took sample, pending results. Miller will respond to do a final cleanup. ERT will forward the report. The leak was repaired.

6/2/09 – Austin – 1 gal. oil spill cleaned up – see EMIS reports in EDocs file – closed – end



**Map Identification Number 650** **TRANS CANADA POWER PLANT**  
 3854 VERNON BLVD

LONG ISLAND CITY, NY

**Spill Number: 0812939****Close Date: 03/02/2009**  
TT-Id: 520A-0226-180

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: vszhune

Spiller: TRANS CANADA  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: JERRY WALLER

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (718) 706-2753

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 03/01/2009 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 100.00           | GALLONS | 0.00               | GALLONS |                      |

## Caller Remarks:

oil reservoir over filled spilling approx 100 gallons or less of Lube Oil, into another concrete tank room below reservoir, have put pads down, contacted Waste Recycling Solutions to do clean up.

## DEC Investigator Remarks:

03/02/09– Zhune spoke to Gerry Waller from Trans Canada (718) 706-2753. he said the fuel line system valve was open. The main turbine reservoir overflow. Approximately 60 gallons of lube oil went to the concrete beneath the reservoir. It's contained in the room. Waste Recycling solution is doing the cleanup.

03/02/09– Zhune called to Gerry at 6:00PM. He said cleanup is done.

**Map Identification Number 651** **MANHOLE # 3637**  
 AT KEYSpan, INSIDE GATE AT  
 VERNON BLVD & 37 AVENUE

LONG ISLAND CITY, NY

**Spill Number: 0604291****Close Date: 07/24/2006**  
TT-Id: 520A-0133-743

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Affected Persons  
 Caller Name:  
 DEC Investigator: JHOCONNE

Spiller: ERTS – CON EDISON MH #3637  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: ERTS

Spiller Phone: (212) 580-8383  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 07/18/2006 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 150.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

#### Caller Remarks:

RAVENES SUBSTATION– CONED # 201218

#### DEC Investigator Remarks:

201218. see eDocs.

Visited Keyspan test pit site. Spoke to Ken Yager. He is consolidating his test pits into one large excavation. He thinks he has reached the periphery of the release and the source is within. A ConEd feeder traverses the open excavation. There was a similar release at this location last summer. Source was never found. Ken has arranged to have his supply lines tested tomorrow by a contractor who does a cathodic investigation. ConEd intends to clean their structure quickly and then bill Keyspan. Ann Ip will oversee ConEd's interest in the matter. Breen.

4/24/06: See spill no. 0504119 for additional details. Close out.(JHO)

#### Map Identification Number 652



**RAVENES WOOD POWER STATION**  
 3854 VERNON BLVD

LONG ISLAND, NY

**Spill Number: 0602335**

**Close Date: 06/01/2006**  
 TT-Id: 520A-0133-019

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

|                   |                       |                              |                                           |                       |                |
|-------------------|-----------------------|------------------------------|-------------------------------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | DAN O'DONNELL – RAVENS WOOD POWER STATION | Spiller Phone:        | (718) 706-2753 |
| Notifier Type:    | Other                 | Notifier Name:               |                                           | Notifier Phone:       |                |
| Caller Name:      |                       | Caller Agency:               |                                           | Caller Phone:         |                |
| DEC Investigator: | JBVOUGHT              | Contact for more spill info: | DAN O'DONNELL                             | Contact Person Phone: | (718) 706-2753 |

|            |                     |                   |                         |                     |
|------------|---------------------|-------------------|-------------------------|---------------------|
| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
| 06/01/2006 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

|                  |                |                  |         |                    |         |                      |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
| LUBE OIL         | PETROLEUM      | 150.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

PRESSURE SWITCH FAILED AND CAUSED LEAK AND IN PROCESS OF CLEANING UP

## DEC Investigator Remarks:

06/01/06–Vought–Daytime duty desk officer. Vought called and spoke to Mike Isaksen and cause of spill wa high pressure lube line blew a pressure switch to lift pump B3. Material spilled was ExxonMobil Terrestic#33. Spill located inside building and on concrete with no effect to sewers/drains. Spill cleaned using vacuum truck and adsorbent. Spill closed by Vought due to no impact to soil or groundwater.

**Map Identification Number 653**      **RAVENSWOOD POWER STATION**  
 38-54 VERNON BOULVARD

LONG ISLAND, NY

**Spill Number: 0513680**

**Close Date: 05/16/2006**  
 TT-Id: 520A-0133-016

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

|                   |                       |                              |                                          |                       |                |
|-------------------|-----------------------|------------------------------|------------------------------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | MOHAMED BASRI – RAVENSWOOD POWER STATION | Spiller Phone:        | (718) 706-2721 |
| Notifier Type:    | Responsible Party     | Notifier Name:               | STEVE ZAMBORI                            | Notifier Phone:       | (516) 545-4007 |
| Caller Name:      | STEVE ZAMBORI         | Caller Agency:               | LIPA                                     | Caller Phone:         | (516) 545-4007 |
| DEC Investigator: | GDBREEN               | Contact for more spill info: | MOHAMED BASRI                            | Contact Person Phone: | (718) 706-2721 |

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|-------------------|-------------------------|---------|---------------------|---------|----------------------|
| 02/27/2006       |                     | EQUIPMENT FAILURE | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class    | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| #6 FUEL OIL      |                     | PETROLEUM         | 74000                   | GALLONS | 74000               | GALLONS | UTILITY              |

Caller Remarks:

defective valve, all contained in a d-tunnel, on site cleaning up

DEC Investigator Remarks:

3-1-06. Ken Yager (718-706-2702 or 917-952-3603) reports that 20,000 gallons of No. 6 FO was released in the "D" tunnel that passes under 36 Avenue and connects the tank farm to the north to the power station to the south. The tunnel is concrete, about eight feet high and six feet wide. 8000 gallons was removed from the tunnel before the product cooled and solidified. A contractor is now heating the product with steam to remove it from the tunnel. The water will be removed in an oil/water separator brought to the site and then the product returned to the tank from which it came. A 1/4 inch hole in the supply line or return line in the "D" tunnel was the source of the release. An alternate run of piping is being used until repairs are made.

Ken reports that the new owner of the power station, a British firm, will be touring facility today with a huge entourage. Key Span was the former owner, having purchased the facility from ConEd.

I inspected the site in the company of Ken Yager and Mohamed Basri (718 - 706 - 2721 or 917 - 731 - 8578). 500 feet of tunnel was impacted, as product flowed into two other interconnected tunnels. A portable Steam boiler is on site to thaw product remaining. Cleanup is expected to take a few weeks.

It appears that the tunnels are not outfitted with leak detectors.

4-27-06. M. Basri reports that the clean up is finished. 78K gallons of No.6 was recovered and returned to their tanks. There was no impact to the environment.

5-4-06. M. Basri reports he is sending in a complete report on the cleanup. He says 74K gallons of No.6 was recovered and returned to their tanks. 162K gallons of washwater was trucked out to their plant at Northport for processing.

5-16-06. closure report received. see eDocs.

**Map Identification Number 654****RAVENS WOOD POWER STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 0509528****Close Date: 11/09/2005**

TT-Id: 520A-0133-015

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: JOHN SIEDLECKI

DEC Investigator: JBVOUGHT

Spiller: SEAN DAVIS – KEYSpan ENERGY

Notifier Name: O'DONNELL

Caller Agency: KEYSpan

Contact for more spill info: O'DONNELL

Spiller Phone: (516) 824-2485

Notifier Phone: (718) 706-2753

Caller Phone: (516) 545-4007

Contact Person Phone: (718) 706-2753

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 11/09/2005 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 100.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

## Caller Remarks:

flange on pipe failed causing oil to spill onto concrete. spill contractor unkn name contacted to perform clean-up.

## DEC Investigator Remarks:

11/9/05-Vought-Called Keyspan (O'Donnell) and spoke to Greco and cleanup is continuing. Source has been secured. Spill was on steel structural work and beneath is concrete. No sewers or drains affected. Cleanup company is All-state environmental. Spill closed due to no impact to subsurface or drains.

**Map Identification Number 655****MANHOLE #3637 – RAVENSWOOD GS**

37TH AVE / VERNON BLVD

QUEENS, NY

**Spill Number: 0504119****Close Date: 08/18/2009**

TT-Id: 520A-0130-615

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

|                   |                       |                              |                         |                       |                |
|-------------------|-----------------------|------------------------------|-------------------------|-----------------------|----------------|
| Source of Spill:  | COMMERCIAL/INDUSTRIAL | Spiller:                     | UNKNOWN AT THIS TIME    | Spiller Phone:        |                |
| Notifier Type:    | Affected Persons      | Notifier Name:               | RON ELLIOTT             | Notifier Phone:       | (212) 580-8383 |
| Caller Name:      | RON ELLIOTT           | Caller Agency:               | CON ED                  | Caller Phone:         | (212) 580-8383 |
| DEC Investigator: | JMKRIMGO              | Contact for more spill info: | ERT DESK MIKE DAUGHTERY | Contact Person Phone: | (212) 580-8383 |

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 07/07/2005 |                     | EQUIPMENT FAILURE | NO                      |  | NO                  |  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected           |
|------------------|----------------|------------------|---------|--------------------|---------|--------------------------------|
| #6 FUEL OIL      | PETROLEUM      | 2000             | GALLONS | 0                  | GALLONS | SOIL<br>GROUNDWATER<br>UTILITY |

Caller Remarks:

CONED # 159618: NO TO 5 QUESTIONS;

DEC Investigator Remarks:

08/18/2009 – See eDocs for Con Ed report detailing cleanup and closure.

Con Ed incident no. e2mis no 159618

7/7/2005 Con Ed crew found approx 150 gallons of unknown oil which appeared to be fuel oil in manhole MH 3637 on Ravenswood Generating Station property. They also inspected nearby service box SB 10198 and found unknown oil on walls and cable, and transformer vault VS 1580 and found approx 300 gallons of oil. All 3 structures are interconnected. (JHO)

7/7/05

MATRIX: OIL GRAB – LOCATION: N/S 37 AVE 550'W/O VERNON BLVD – RAVENSWOOD STATION

STRUCTURE: MANHOLE 3637

Analysis indicates the presence of a substance similar to a heavy fuel oil.

MATRIX: OIL GRAB – LOCATION: N/S 37 AVE 590'W/O VERNON BLVD

STRUCTURE: VAULT 1580 FEEDER ID: PCBs < 1 ppm

Lab Sequence Number: 05-06613-002 – Flash Point, PMCC > 140 deg F

7/15/05–Vought–Received update call during off–hours response. Update was to update amount to 2000 gallons. Spill contained in vault and to be vacuumed out on 7/15/05. Containment based on steady level of oil in vault. Site contact is Kenneth Yaeger 917–952–3603 (cell) 718–706–2753. Spill referred to Arakhan due to involvement above.

#### 7/19/05 Update

Arakhan met with KeySpan personnel on site on 7/19 to inspect the underground structures affected. It has been agreed that Keyspan will perform all cleanup since ConEd does not have any equipment on–site containing heavy fuel oil. Staff instructed KeySpan to steam clean the lower portion of the upgradient structure to determine if oil is infiltrating the structure from surrounding soils. (Arakhan)

#### Update 8/16/05

Marine Envr Services cleaned spill locations on 7/26/05 under Con Edison and KeySpan supervision. Locations were monitored from 7/27/05 to 8/15/05 and no oil re–appeared.

#### Notes from SP 0601793:

5–18–06. Mohammed Basri called to report that Keyspan has vacuumed out the product in the manhole and will be washing it today. The manhole contains a feeder, so they had ConEd people in for advice. They want the feeder clean. Keyspan does not know the source of the No. 6. They had a release in a nearby location recently. They will provide an update later on. (GDB)

7/11/06: Spill re–opened and re–assigned to O’Connell. Visited site with Ken Yager, KeySpan Env. Manager. Originally I suspected that this might be residual oil from the large spill circa 1994 which affected the employee parking area (spill no. 9411975). However, Ken showed me photos taken of the original spill area and the boundary is clearly south of the area where they are now excavating. He explained that the conduits which lead to these Con Ed underground structures from Vernon Blvd cross over the fuel oil pipelines which run underground from the Rainey Tank Farm/tunnels to the Ravenswood Generating Station. KeySpan had a contractor install several vactored soil borings around the area where the electrical conduit intersects the pipelines, and they encountered contaminated soil at approximately the depth of the pipelines. The contractor is currently expanding the excavation to determine whether there is a small leak in one of the pipelines and to make repairs. See eDocs for photographs. (JHO)

7/14/06: Voice mail message from Ken Yager – they think they have uncovered the leak location. They are excavating approximately 10 feet north of the original excavation and uncovered the pipelines and duct work, and there is evidence of free flowing oil. They will expand the excavation and try to pinpoint the leak location. (JHO)

7/18/06: Con Ed reported spill no. 0604291 – oil in distribution manhole located on Vernon Blvd outside Ravenswood gate. Con Ed contact is Ann Ip (B/Q EH&S 718–802–5162 office, 347–297–0404 cell). (JHO)

7/20/06: spoke with Ken Yager – he now says that the free flowing oil noted on Friday 7/14 was coming out of the concrete duct bank, not out of the pipeline. He says he does not think there is a leak on the line, but that this is residual from the 1994 spill (see 7/11/06 notes, above). He thinks that the oil is resurfacing each year when the water table rises and “floats” the oil into the duct bank. The problem with this theory is that the water table is significantly below the pipeline and duct bank. I suspect there is a small leak in one of the pipes that becomes active as the warm weather heats up whatever material around the pipe is plugging the pin hole. I will request that they perform a precision test on the pipe to confirm whether there is an ongoing leak. In the meantime, Con Ed will have to excavate the extent of the duct work to clean and remove any contamination.

Visited site in the afternoon with Ken Yager. The excavation has now exposed all 4 pipelines as well as several duct banks and

other utility conduits. They need to finish removing contaminated soil and shoring up the hole. At that point, we will need to formulate a plan for additional testing and excavation with Con Edison's input, and with input from KeySpan's Environmental Engineering group. (JHO)

11/13/06 – following protracted negotiations with Praxair, KeySpan had all 4 pipelines tested in vicinity of excavation. Also, they tested the underground section of the 74th St transfer piping as part of permanent closure plan for that section. The testing was conducted in Sept/Oct 2006. Received copy of testing report today. Praxair found elevated tracer gas in several locations (probes 2, 17, 25 and 36). They are currently exposing the piping at probe 25 looking for a leak. The excavation contains free product (hot – tested at 120 deg. F – so it is from current leak). They have not found leak yet. Since all 4 lines were inoculated together, they do not know which line may be leaking. Mike Lauro (KeySpan) suggested that they could perform an acoustical test to more accurately locate the leak. I also suggested a pressure-decay test to isolate which line may be leaking. If they can isolate and take that line out of service, they can defer the remedial excavations until next year, when all 4 lines are scheduled to be taken out-of-service and replaced with above-ground piping. See eDocs for photos of current excavation boundaries. (JHO)

12/14/06 – Met with Ken Yager, John Rigert at the site. Pat van Rossem participated by conference call. KeySpan has continued excavating and has still not located a leak. They have decided to utilize "Guided Wave" testing on the pipes to isolate the location of the insulating flanges on the pipe that are south of the existing excavation. They hope that the insulating flanges are the location of the leak, based on the possibility that the bolts on the flanges are not tight, or that the flange itself may be deteriorated. Once the flange has been excavated and examined and repaired, as necessary, they will initiate another test on the lines to confirm they are tight. (JHO)

12/18/06: e-mailed link to Yager and Rigert listing testing methods for large diameter pipes. (JHO)

3/2/07: sampling plan for excavation submitted by Pat Van Rossem (KeySpan):

"As discussed, we are planning to perform the endpoint sampling requested for the large excavation associated with the No. 6 fuel oil leak investigation (located near the east side of Unit 40). NYSDEC requested that we refer to NYSDEC's DER-10 for guidance related to the sampling approach. In accordance with DER 10 section 3.9 (5) ["below grade piping" on page 53– Dec. 2002], the following endpoint sampling plan is proposed to help provide the basis for determining whether any additional investigation is warranted. The larger excavation is approximately 90 ft. by 12 ft. by 10 ft. deep, and the smaller excavation is approximately 12 ft. by 20 ft. by 10 ft. deep. The oil pipes are located at approximately 9–10 ft. below ground surface."

"As per the attached sketch [SEE EDOCS], we propose to collect 9 bottom soil samples from one foot below the bottom of the excavation (10–11 feet bgs). In addition we will



**Map Identification Number 656****RAVENSWOOD GENERATING STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 0501593****Close Date: 05/25/2005**

TT-Id: 520A-0133-009

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: PAT HESSION

DEC Investigator: GDBREEN

Spiller: PAT HESSION – RAVENS WOOD POWER STATION

Notifier Name: PAT HESSION

Caller Agency: KEYSpan ENERGY

Contact for more spill info: PAT HESSION

Spiller Phone: (516) 545-4007

Notifier Phone: (516) 545-4007

Caller Phone: (516) 545-4007

Contact Person Phone: (516) 545-4007

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 05/09/2005 |                     | HUMAN ERROR    | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 150.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

Spill was contained on concrete. Currently being cleaned up.

**DEC Investigator Remarks:**

5-10-05. Dom DiGeorgio reports that this was an accidental release from an out of service turbine. Work crew was told to wait a half hour. Crew thought they were told to finish within a half hour. Work crew opened a line before it was sealed off and drained. Clean up is in two stages. First to vacuum up the liquid, then to wash the soiled surfaces. First stage was completed right away. Second stage is underway.

**Map Identification Number 657****RAVENS WOOD POWER STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 0500678****Close Date: 05/04/2005**

TT-Id: 520A-0133-010

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: FRANK BERTRAND

DEC Investigator: SKARAKHA

Spiller: LARRY CONWAY – RAVENS WOOD POWER STATION

Notifier Name: LARRY CONWAY

Caller Agency: KEYSpan

Contact for more spill info: LARRY CONWAY

Spiller Phone: (718) 706-2873

Notifier Phone: (718) 706-2873

Caller Phone: (516) 545-4007

Contact Person Phone: (718) 706-2873

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 04/16/2005 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

**NO MATERIAL INFORMATION GIVEN FOR THIS SPILL****Caller Remarks:**

turbine oil – 250 gallons onto turbine floor

Absorbant material – leaked is contained – manpower cleaning up

Class 2 spill

Failed lift pump pressure switch

**DEC Investigator Remarks:**

Update 4/18/05

The 30 unit LP turbine B-3 lift pump pressure switch failed. Approximately 250 gallons of turbine oil leaked onto the turbine floor. Cleanup started immediately and is continuing as of 1:10 PM on 4/18/05. All floor drains have been cleaned and oil/water separator has not released oil into discharge.

Update 5/4/05

Low pressure B-3 lift pump was repaired and returned to service on 4/18/05. Marine Env Services conducted cleanup at elevation 53 under B-3 lift pump, at low pressure heater at elevation 34 and 16, and at elevation 02 (sub-basement).

**Map Identification Number 658****RAVENSWOOD POWER STATION**

38-54 VERNON BLVD

LONG ISLAND, NY

**Spill Number: 0412751****Close Date: 03/06/2007**

TT-Id: 520A-0133-007

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: BERTRAND, FRANK

DEC Investigator: GDBREEN

Spiller: DON O'DONNELL – RAVENSWOOD POWER STATION

Notifier Name: DON O'DONNELL

Caller Agency: KEYSpan

Contact for more spill info: DON O'DONNELL

Spiller Phone: (718) 706-2753

Notifier Phone: (718) 706-2753

Caller Phone: (516) 545-4007

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 03/05/2005 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| OTHER            | OTHER          | 100.00           | GALLONS | 100.00             | GALLONS | SOIL                 |

**Caller Remarks:**

leaking from oil filter housing on the number 30 unit. Spill is in the process of being cleaned up now. Contractor is Marine Environmental Services.

**DEC Investigator Remarks:**

Dominick DiGiorgio faxed in copy of Spill incident form 05-0002. 100 gallons of turbine oil was released from the 10,000 gallon tank into containment. Contractor completed cleanup.

see eDocs. closed. Breen

**Map Identification Number 659****RAVENSWOOD POWER STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 0412373****Close Date: 06/22/2005**

TT-Id: 520A-0133-008

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: MIKE ISAKSEN

DEC Investigator: JHOCONNE

Spiller: DAN O'DONNELL – RAVENS WOOD POWER STATION

Notifier Name: DAN O'DONNELL

Caller Agency: KEYSpan

Contact for more spill info: DAN O'DONNELL

Spiller Phone: (718) 706-2753

Notifier Phone: (718) 706-2753

Caller Phone: (516) 545-4007

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 02/19/2005 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| TRANSFORMER OIL  | PETROLEUM      | 100.00           | GALLONS | 0.00               | GALLONS | SOIL                 |
| DIELECTRIC FLUID | PETROLEUM      | 100.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

**Caller Remarks:**

4 oz per hour –

valve dripping – #1 transformer east.

leak is contained with a drip container.

Chris Charles cleanup contractor will be responding for soil remediation on 1/20/05 at 0800 hours.

**DEC Investigator Remarks:**

2/23/05: fax report from Mohammad Basri, KeySpan EH&S – Transformer 1E has 2 small oil drips coming from oil pumps. Dripping onto concrete base and then onto bluestone. Drip rate 4 ounces per hour. Placed absorbent pads down, and there are drip catchers in place. Spill contractor called in to start bluestone clean up in AM (2/20). Transformer isolated.

Called and left message for Dom DiGiorgio (KeySpan Env. Manager) for further information re: PCB concentration, total leak amount (spill report lists 100 gallons), etc. (JHO)

2/24/05: Spoke with DiGiorgio. PCB concentration from sample of leaking oil is ND. Leak amount estimated based on remaining amount in transformer as well as amount seen in soil/bluestone. Contractor is removing bluestone and soil, and has excavated a sump in the moat to collect separate-phase oil. This transformer was previously investigated (wells RB-1 and RB-3) when oil was found leaching into the discharge canal. Temporary repairs of current leaks have been made, permanent repairs will be conducted in March when transformer is out of service for routine maintenance. Told DiGiorgio to contact me when cleanup is complete to arrange post-exc sampling. (JHO)

3/10/05: Sam Arakhan inspected spill location on 3/8/05 at 09:55 AM. Approximately two and one half feet of contaminated bluestones were removed from the moat but visible contamination remained. Dom DiGiorgio will contact engineering dept. to provide guidance regarding structural safety issues prior to removing more bluestones; he was advised to analyze post-ex samples for oil ID, PCBs and TPH. (SKA)

3/30/05 Sam Arakhan met with Dom GiGiorgio and Patrick Van at the site of the spill on 3/30/05 to discuss further remedial measures for this spill. It was decided that contaminated material will be removed to the extent that structural integrity of nearby structures are not compromised. If there is no contamination visible at that point, end point samples will be collected and analyzed for TPH. If TPH level is still elevated, or if contamination is visible after excavation is stopped, the area will be backfilled to the original elevation and a cover will be installed. Monitoring will be conducted at two downgradient wells already installed. (SKA)

Update 6/22/05

Documentation was received from KeySpan regarding excavation of contaminated soils and end-point sampling. Sampling results were satisfactory.

**Map Identification Number 660****VERNON SUBSTATION – PH 8**

38–54 VERNON BLVD

QUEENS, NY

**Spill Number: 0409102****Close Date: 08/27/2008**

TT-Id: 520A–0130–539

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: ANDREW MORRISON

DEC Investigator: JHOCONNE

Spiller: ERT DESK – SUBSTAION–PUMPHOUSE #8

Notifier Name: ANDREW MORRISON

Caller Agency: CONED

Contact for more spill info: ERT DESK

Spiller Phone: (212) 580–8383

Notifier Phone: (212) 580–6763

Caller Phone: (212) 580–6763

Contact Person Phone: (212) 580–8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 11/10/2004 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

LEAKING VALVE #33 2 DROPS EVERY HOUR WILL BE CLEANING UP

DEC Investigator Remarks:

08/27/08 – See eDocs for Con Ed report detailing cleanup and closure.

e2mis no. 156203:

11/10/04 – 0840 A. ROTOLA – 49961 – CSD, REPORTS A SPILL OF APPROX 1/2 PT OF NON PCB DIELECTRIC FLUID THAT LEAKED FROM VALVE # 33 IN PUMP HOUSE # 8 (FDR – 31282) ONTO A METAL PLATE. SPILL IS CONTAINED WITH DIAPERS. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES. NO PRIVATE PROPERTY AFFECTED. VALVE IS LEAKING APPROX 2 DROPS EVERY HOUR. CLEANUP WILL NOT BE DONE WITHIN THE NEXT FEW HOURS. THE DRIPPING WILL BE MONITORED AND KEPT CONTAINED. TAG # 142-0106 PLACED ON VALVE.

See eDocs for 2008 Substation Inspection Findings and for response from Con Edison relative to this spill.

Map Identification Number 661



RAVENSWOOD POWER PLANT

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 0312749

Close Date: 03/04/2004

TT-Id: 520A-0132-999

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: HALLORAN

DEC Investigator: JHOCONNE

Spiller: RICH GRECO – POWER PLANT–RAVENSWOOD

Notifier Name: HALLORAN

Caller Agency: KEYSpan

Contact for more spill info: RICH GRECO

Spiller Phone: (718) 706-2753

Notifier Phone: (516) 545-4007

Caller Phone: (516) 545-4007

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|-------------------|-------------------------|---------|---------------------|---------|----------------------|
| 02/17/2004       |                     | EQUIPMENT FAILURE | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class    | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| LUBE OIL         |                     | PETROLEUM         | 125.00                  | GALLONS | 0.00                | GALLONS | SOIL                 |

## Caller Remarks:

UNIT #30 MECHANICAL FUEL FAILURE CAUSING OIL TO SPILL ON FLOOR, IN PROCESS OF BEING CLEANED UP:

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

2/17/04, 3:45 PM – called Dom DiGiorgio (Env. Manager). Spill occurred on 34 foot elevation – no impact to drains or to oil/water separator. They called contractor, but sent them away because plant personnel were almost finished with cleanup. He will fax me report. (JHO)

4:15 PM – faxed report indicates leak was from failed mechanical seal on lift pump. The pump was secured and valved off to stop leakage. (JHO)

3/4/04: in response to inquiry from DEC, Dom DiGiorgio (facility Environmental Manager) sends e-mail:

"Status: The seal that leaked was on a "Lift" pump on No. 3 turbine. The pump was replaced, however, since this was not the first time this problem occurred with these pumps, KeySpan Power Engineering group is investigating the availability of a better design, or more reliable pump."

## Map Identification Number 662



## RAVENSWOOD POWER STATION

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 0310548

Close Date: 12/12/2003

TT-Id: 520A-0132-993

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: Responsible Party  
Caller Name: SAL IRACI  
DEC Investigator: JHOCONNE

Spiller:  
Notifier Name: SAL IRACI  
Caller Agency: KEYSpan  
Contact for more spill info: ARTY PATTERSON

Spiller Phone:  
Notifier Phone: (631) 436-4226  
Caller Phone: (631) 436-4226  
Contact Person Phone: (718) 706-2753

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.  
Class: Any Type of RP, Including No RP – DEC Field Response – Corrective Action Not Required or Not Possible

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 12/12/2003 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 29400            | GALLONS | 0                  | GALLONS | GROUNDWATER          |

## Caller Remarks:

transforming fuel from one barge to another and pipe broke (cracked elbow)

**\*\*THIS IS A DRILL \*\***

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**Map Identification Number 663** **RAVENSWOOD POWER STATION**  
 3854 VERNON BLVD

QUEENS, NY

**Spill Number: 0310307**

**Close Date: 12/10/2003**  
TT-Id: 520A-0132-994

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE  
Notifier Type: Local Agency  
Caller Name: PAT HESSION  
DEC Investigator: SKARAKHA

Spiller: DAN O'DONNELL – RAVENSWOOD POWER STATION  
Notifier Name: PAT HESSION  
Caller Agency: KEYSpan ENERGY  
Contact for more spill info: DAN O'DONNELL

Spiller Phone: (718) 706-2753  
Notifier Phone: (516) 545-4007  
Caller Phone: (516) 545-4007  
Contact Person Phone: (718) 706-2753



Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 12/04/2003 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

TRANSSMISSION BLEW ON A WORK VAN ONTO PAVEMENT AND WAS ALL CLEANED

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

#### Map Identification Number 664



#### RAVENSWOOD STATION

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 0308260

Close Date: 11/19/2003

TT-Id: 520A-0132-997

#### MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

#### ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: LARRY CONWAY

DEC Investigator: AERODRIG

Spiller: CALLER – RAVENSWOOD STATION

Notifier Name: LARRY CONWAY

Caller Agency: KEYSpan

Contact for more spill info: CALLER

Spiller Phone:

Notifier Phone: (718) 706-2753

Caller Phone: (718) 706-2753

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|-------------------|-------------------------|---------------------|
| 11/05/2003 |                     | EQUIPMENT FAILURE | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 100.00           | GALLONS | 100.00             | GALLONS | SOIL                 |

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**Caller Remarks:**

CLEAN UP IN PROGRESS AND ALMOST COMPLETED

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**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"  
INSPECTOR NOTES:

11:00 AM. RODRIGUEZ MET WITH DOMINICK DIGIORGIO. HE EXPLAINED THAT THE STEAM TURBINE "BIG ALLIS" DEVELOPED A VIBRATION THAT CAUSED ON THE THE LUBE OIL LIFT PUMPS TO LEAK APPROX. 100 GALLONS. ALL STATE POWER VAC WAS AT THE STATION AND THE CLEANUP WAS ALMOST COMPLETED. THE CLEANUP WAS DONE USING OIL PADS AND CITRIC CLEAN DEGREASER. THE PUMP WAS ADJUSTED AND IT WAS NOT LEAKING. THE SUB-BASEMENT WAS INSPECTED AND NO SIGNS OF OIL WERE NOTICED. THE SUMP PUMP WAS DISCONNECTED AS A PRECAUTION. THE TURBINE WILL HAVE TO BE TAKEN OFFLINE FOR REPAIRS. 11/5/2003

11/12/2003, RODRIGUEZ INSPECTED AFFECTED AREA. CLEANUP WAS COMPLETED AND PUMP WAS REPAIRED. ARS

**Map Identification Number 665****RAVENSWOOD GEN. STATION**

38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

**Spill Number: 0301731**

**Close Date: 03/04/2004**

TT-Id: 520A-0132-991

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: WILLIAM HALLORAN

DEC Investigator: KMFOLEY

Spiller: KEYSpan

Notifier Name: ART PATTERSON

Caller Agency: KEYSpan

Contact for more spill info: ART PATTERSON

Spiller Phone:

Notifier Phone:

Caller Phone: (516) 545-4007

Contact Person Phone: (718) 706-2753

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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| Spill Date | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |  | Penalty Recommended |  |
|------------|---------------------|-------------------|-------------------------|--|---------------------|--|
| 05/18/2003 |                     | EQUIPMENT FAILURE | NO                      |  | NO                  |  |

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| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| #6 FUEL OIL      | PETROLEUM      | 150.00           | GALLONS | 0.00               | GALLONS | SOIL                 |

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Caller Remarks:

ruptured fuel oil discharge line – spill has been stopped, contained on land – they are contacting a contractor for clean up

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## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"  
5/19/03 – ROSSAN, DDO – This spill has been re-assigned from Tipple to Foley (ConEd monitor).

5/19/03 0746hrs Spill incident form received from Keyspan.

5/20/03 Arakhan, Rodriguez, Foley inspected transfer area which is used to pump #6 fuel oil from the Rainey tanks to the mounded tank (to feed the boilers). An oil line ruptured and spilled approx 500gal of #6FO into moat and around moat. Bluestone and soils will be removed. During inspection, it was noted that there is oil on aboveground piping and around steam vent line. DiGiorgio later confirmed that this was due to the same incident. Clean Harbors was on site steam cleaning the moat. Repairs will be completed after the cleanup is complete. Dominick DiGiorgio (Env Mgr) will contact DEC when cleanup is complete. (KMF)

3/4/04: in response to inquiry from DEC, Dom DioGiorgio (facility Environmental Manager) sends e-mail:

"Status: The ruptured line was replaced and the cleanup was was  
performed by Clean Harbors Environmental."

**Map Identification Number 666****RAVENWOODS POWER STATION**

3854 VERNON BLVD

QUEENS, NY

**Spill Number: 0201035****Close Date: 03/06/2007**

TT-Id: 520A-0132-986

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: WILLIAM HALORAN

DEC Investigator: JHOCONNE

Spiller: CALLER – KEYSpan

Notifier Name: WILLIAM HALORAN

Caller Agency: KEYSpan

Contact for more spill info: ARTIE PATTERSON

Spiller Phone:

Notifier Phone: (516) 545-4007

Caller Phone: (516) 545-4007

Contact Person Phone: (718) 706-2753

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Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date                                                                                               | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|----------------------------------------------------------------------------------------------------------|---------------------|-------------------|-------------------------|---------|---------------------|---------|----------------------|
| 04/27/2002                                                                                               |                     | EQUIPMENT FAILURE | NO                      |         | NO                  |         |                      |
| Material Spilled                                                                                         |                     | Material Class    | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| OTHER                                                                                                    |                     | OTHER             | 100.00                  | GALLONS | 0.00                | GALLONS | SOIL                 |
| The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information |                     |                   |                         |         |                     |         |                      |
| OTHER PETROLEUM                                                                                          |                     | UNKNOWN           | 100.00                  | GALLONS | 0.00                | GALLONS |                      |

## Caller Remarks:

carbon oil was being transformed from truck to tank and the top came off spilling oil. clean up is in progress

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"

see eDocs. closed. Breen

## Map Identification Number 667



## RAVENSWOOD GEN STATION

3854 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 0107709

Close Date: 09/27/2004

TT-Id: 520A-0132-756

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 2503 feet to the ESE

## ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: MICHAEL ISAKSEN

DEC Investigator: AERODRIG

Spiller: CALLER – KEYSpan

Notifier Name: LARRY CONWAY

Caller Agency: KEYSpan

Contact for more spill info: ERIC HAHN

Spiller Phone:

Notifier Phone: (718) 706-2753

Caller Phone: (516) 545-4007

Contact Person Phone: (718) 706-2753

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

| Spill Date       | Date Cleanup Ceased | Cause of Spill    | Meets Cleanup Standards |         | Penalty Recommended |         |                      |
|------------------|---------------------|-------------------|-------------------------|---------|---------------------|---------|----------------------|
| 10/29/2001       |                     | EQUIPMENT FAILURE | NO                      |         | NO                  |         |                      |
| Material Spilled |                     | Material Class    | Quantity Spilled        | Units   | Quantity Recovered  | Units   | Resource(s) Affected |
| LUBE OIL         |                     | PETROLEUM         | 500.00                  | GALLONS | 500.00              | GALLONS | SOIL                 |

Caller Remarks:

RUPTURED OIL HEADER LINE – FEED LINE TO LUBE PUMPS – ALMOST ALL CLEANED UP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"  
 10/29/01 Ruptured oil line unknown quantity of oil (est. 500 gallons). Oil cascaded down to basement level which is now flooded with oil and water. Pump operates on manual – oil is at 4' to 5' above the intake for the pump, which goes to separator. Dom DiGiorgio (Env. Manager) asked if he could pump the water only. Told him yes, but only to 1' above floor level. Also, told him to have someone monitor the separator during the pumping. (ARS)

9/10/04

E-mail to Dom DiGiorgio: "I'm trying to close out a spill from October 29, 2001 – 500 gallons lube oil in basement from unit 30 oil header line rupture. Can you tell me how/when the spill was cleaned up and when the equipment was repaired?" (JHO)

9/27/04: Response from DiGiorgio:

"The initial response by station personnel was

to deploy absorbent material. Allstate Powervac was on site and they performed the full cleanup. The waste was sent to Cycle Chem on 11/01/01. The ruptured line was repaired." Close out. (JHO)

Map Identification Number 668



**RAVENSWOOD GENERATING**  
 38-54 VERNON BOULEVARD

LONG ISLAND CITY, NY

Spill Number: 0007918

Close Date: 10/05/2000  
 TT-Id: 520A-0132-761

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 2503 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: RAVENSWOOD CONED  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name: FRED STRICKHART  
 DEC Investigator: JHOCONNE

Spiller: CALLER – KEYSpan  
 Notifier Name: FRED STRICKHART  
 Caller Agency: KEYSpan  
 Contact for more spill info: FRED STRICKHART

Spiller Phone:  
 Notifier Phone: (631) 436-4242  
 Caller Phone: (631) 436-4242  
 Contact Person Phone: (516) 545-4007

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill   | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|------------------|-------------------------|---------------------|
| 10/05/2000 |                     | TRAFFIC ACCIDENT | NO                      | NO                  |

| Material Spilled | Material Class | Quantity Spilled | Units   | Quantity Recovered | Units   | Resource(s) Affected |
|------------------|----------------|------------------|---------|--------------------|---------|----------------------|
| LUBE OIL         | PETROLEUM      | 5000             | GALLONS | 0                  | GALLONS | SEWER                |

Caller Remarks:

\*\*\*\*THIS IS A DRILL ONLY – NO PRODUCT SPILLAGE – – – – DRILL ONLY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**Map Identification Number 669** **19TH PRECT.BET.LEX.3 AVE**  
 19TH PRECT.BET.LEX.3 AVE

MANHATTAN, NY

**Spill Number: 9212141**

**Close Date: 01/25/1993**  
 TT-Id: 520A-0093-150

#### MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 2539 feet to the NW

#### ADDRESS CHANGE INFORMATION

Revised street: 153 E 67TH ST  
 Revised zip code: 10021

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Citizen  
 Caller Name: TOM THANASIAS  
 DEC Investigator: KSTANG

Spiller: ARISTA CO.  
 Notifier Name:  
 Caller Agency: KELLY TRANG  
 Contact for more spill info:

Spiller Phone: (718) 294-8860  
 Notifier Phone:  
 Caller Phone: (718) 721-4881  
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.  
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

| Spill Date | Date Cleanup Ceased | Cause of Spill | Meets Cleanup Standards | Penalty Recommended |
|------------|---------------------|----------------|-------------------------|---------------------|
| 01/11/1993 | 01/25/1993          | DELIBERATE     | UNKNOWN                 | NO                  |

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

KELLY TRANE CO HIRED TO REMOVE SYSTEM FREON CHARGE AND TO REMOVE COMPRESSOR. WHEN THEY ARRIVED ON SITE IT WAS NOTICED THAT ARISTA CO. HAD ALREADY REMOVED THE FREON CHARGE WITHOUT CONTAINING.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"

10/10/95: This is additional information about material spilled from the translation of the old spill file: FREON -22.

**THE FOLLOWING CLOSED SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, OR VANDALISM. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.**

| FACILITY ID | FACILITY NAME                  | STREET                | CITY          |
|-------------|--------------------------------|-----------------------|---------------|
| 0200919     | MANHOLE 48451                  | YORK AVE & EAST 62 ST | MANHATTAN     |
| 9612882     | 62ND ST & YORK AVE             | 62ND ST & YORK AVE    | MANHATTAN     |
| 0908457     | EXXON MOBIL GAS STATION        | 510 EAST 62 ST        | MANHATTAN     |
| 0812696     | HOSPITAL OF SPECIAL SURGERY    | 535 EAST 70TH STREET  | MANHATTAN     |
| 9606323     | VAULT 4679                     | 517 EAST 70 TH ST     | MANHATTAN     |
| 8807269     | 512 71ST ST/NY HOSPITAL        | 512 71ST STREET       | NEW YORK CITY |
| 9814524     | NY HOSPITAL                    | 512 E 71ST ST         | MANHATTAN     |
| 9011322     | 523 EAST 70TH ST/MANH          | 523 EAST 70TH STREET  | NEW YORK CITY |
| 0106048     | N.Y.PRESBYTERIAN HOSPITAL      | 523 EAST 70TH ST      | MANHATTAN     |
| 8904260     | 512 E 71ST ST/NY HOSPITAL      | 512 EAST 71ST STREET  | NEW YORK CITY |
| 9800326     | NY HOSPITAL                    | 512 E. 71ST ST        | MANHATTAN     |
| 9814463     | NY HOSPITAL                    | 512 EAST 71ST ST      | MANHATTAN     |
| 0813118     | NEW YORK PRESBYTERIAN HOSPITAL | 523 EAST 70TH ST      | MANHATTAN     |
| 9814091     |                                | 512 E. 71ST STREET    | MANHATTAN     |
| 0709856     | APARTMENT BUILDING             | 404 EAST 66TH STREET  | NEW YORK      |
| 0803126     | APART                          | 416 EAST 65TH STREET  | NEW YORK      |
| 1102687     | STAHL YORK AVE CO/APT BUILDING | 416 EAST 65 ST        | MANHATTAN     |
| 9313496     | 416 EAST 65TH STREET           | 416 EAST 65TH STREET  | MANHATTAN     |
| 9506423     | 416 E. 65TH STREET             | 416 EAST 65TH STREET  | MANHATTAN     |
| 0200297     | CHARLES GREENTHAL              | 415 EAST 64TH ST      | MANHATTAN     |

|         |                                        |                              |                  |
|---------|----------------------------------------|------------------------------|------------------|
| 0908044 | INTERSECTION                           | EAST 68TH STREET AND 1ST AVE | MANAHATTAN       |
| 9200438 | EXXONMOBIL                             | 1132 YORK AVE                | NEW YORK         |
| 9200395 | EXXONMOBIL                             | 1132 YORK AVENUE             | NEW YORK         |
| 9110054 | EXXONMOBIL                             | 1132 YORK AVE                | NEW YORK         |
| 9205744 | EXXONMOBIL                             | 1132 YORK AVENUE             | NEW YORK         |
| 9207338 | EXXONMOBIL                             | 1132 YORK AVE                | NEW YORK         |
| 9109891 | EXXONMOBIL                             | 1132 YORK AVE                | NEW YORK         |
| 0205073 | EXXONMOBIL                             | 1132 YORK AVE                | NEW YORK         |
| 0106927 | EXXONMOBIL GAS STATION                 | 1132 YORK AVE                | NEW YORK         |
| 0004231 | MOBILE OIL CORP                        | 1132 YORK AVE                | NEW YORK         |
| 0306266 | EXXONMOBIL                             | 1132 YORK AVENUE             | NEW YORK         |
| 9109771 | EXXONMOBIL                             | 1132 YORK AVE                | NEW YORK         |
| 9011380 | EXXONMOBIL                             | 1132 YORK AVENUE             | NEW YORK         |
| 9006456 | EXXONMOBIL                             | 1132 YORK AVENUE             | NEW YORK         |
| 9710499 | EXXONMOBIL                             | 1132 YORK AVE                | NEW YORK         |
| 9505470 | EXXONMOBIL                             | 1132 YORK AVENUE             | NEW YORK         |
| 9904122 | MOBIL S/S                              | 1132 YORK AVENUE             | NEW YORK         |
| 9010855 | 62ND ST & YORK AVE/MOBIL               | 62ND ST & YORK AVENUE        | NEW YORK CITY    |
| 9212565 | EXXONMOBIL                             | 1132 YORK AVE                | NEW YORK         |
| 9210310 | EXXONMOBIL                             | 1132 YORK AVE                | NEW YORK         |
| 9208444 | EXXONMOBIL                             | 1132 YORK AVE                | NEW YORK         |
| 9306031 | EXXONMOBIL                             | 1132 YORK AVENUE             | NEW YORK         |
| 9404673 | EXXONMOBIL                             | 1132 YORK AVE                | MANHATTAN        |
| 9312332 | EXXONMOBIL                             | 1132 YORK AVENUE             | NEW YORK         |
| 9311757 | EXXONMOBIL                             | 1132 YORK AVENUE             | NEW YORK         |
| 0310748 |                                        | 1ST AVE BTWN 68TH & 69TH     | MANHATTAN        |
| 9608785 | E 71ST ST/FDR DRIVE                    | E 71ST ST/FDR DRIVE          | MANHATTAN        |
| 9303907 | 71TH ST BET.YORK & FDR DR              | 71TH ST BET.YORK & FDR DR    | MANHATTAN        |
| 9303908 | 71ST BET.YORK & FDR DRIVE              | 71ST BET.YORK & FDR DRIVE    | MANHATTAN        |
| 9414399 | 1214 FIRST AVENUE                      | 1214 FIRST AVENUE            | MANHATTAN        |
| 8909933 | 525 E 71ST ST/NY HOSPITAL              | 525 EAST 71ST STREET         | NEW YORK CITY    |
| 0911893 | CON ED VAULT # 9465                    | 428 EAST 62ND ST             | MANHATTAN        |
| 0311955 | UNKNOWN                                | 400 EAST 71ST ST             | NEW YORK         |
| 9901162 | MANHOLE 61059                          | EAST 70TH ST AT 1ST AVE      | NEW YORK         |
| 0504265 | VAULT#41089                            | 1ST AVE EAST 70 STREET       | MANHATTAN        |
| 0211264 |                                        | 342 EAST 67TH ST             | MANHATTAN        |
| 0006361 | VAULT 9108/9016                        | 555 MAIN ST                  | ROOSEVELT ISLAND |
| 1010943 | PVT DWELLING                           | 354 EAST 69 ST               | NEW YORK         |
| 0711026 | FONG RESIDENCE                         | 1164 1ST. AVE                | MANHATTAN        |
| 0603661 | ROOSEVELT ISLAND CLEANERS              | 571 MAIN ST                  | ROOSEVELT ISLAND |
| 0407483 | APRT BUILDING                          | 330 EAST 70TH STREET         | NEW YORK         |
| 0401777 | ON THE ROADWAY                         | 72ND. ST./YORK AVE.          | MANHATTAN        |
| 0606102 | TINY LEAK IN AERIAL CABLE OVER ROADWAY | 59 STREET BRIDGE - COLUMN 36 | MANHATTAN        |
| 9405053 | QUEENSBORO BRIDGE N. ROAD              | COLUMN #3 QNSBORO BRIDGE     | MANHATTAN        |



|         |                                   |                           |               |
|---------|-----------------------------------|---------------------------|---------------|
| 9214350 | 59TH ST BRIDGE-COLUMN 59          | 59TH ST BRIDGE-COLUMN 59  | MANHATTAN     |
| 0502639 | 59TH ST BRIDGE                    | 59TH ST BRIDGE            | MANHATTAN     |
| 9607344 | QUEENS BOROUGH BRIDGE             | MANHATTAN SIDE COLUMN #1  | MANHATTAN     |
| 9507631 | COLUMN 87                         | 59TH ST BRIDGE            | MANHATTAN     |
| 9509777 | 59TH STREET BRIDGE                | 59TH STREET               | MANHATTAN     |
| 9706401 | QUEENS BOROUGH BRIDGE             | 59TH STREET               | MANHATTAN     |
| 9300621 | UNDER 59TH ST BRIDGE              | 59TH ST BRIDGE 1ST AVE    | MANHATTAN     |
| 9502767 | FEEDER 38M04                      | QUEENSBORO BRIDGE         | MANHATTAN     |
| 0304995 |                                   | EAST 60TH ST & YORK AV    | MANHATTAN     |
| 0709981 | ON PAVEMENT                       | 60TH & YORK               | MANHATTEN     |
| 9813484 |                                   | 60TH ST / YORK AVE        | MANHATTAN     |
| 0205833 |                                   | 420 EAST 61ST STREET      | MANHATTAN     |
| 9907778 | SUTTON TENNIS CLUB                | 419 EAST 60TH STREET      | MANHATTAN     |
| 0606975 | VACANT LOT                        | 420 EAST 61ST STREET      | MANHATTAN     |
| 9109487 | 1132 1ST AVE/MOBIL                | 1132 1ST AVE              | NYC           |
| 0709482 | PARK PLAZA GARAGE                 | 407 EAST 61ST ATREET      | NEW YORK      |
| 0705756 | ROADWAY                           | 1ST AVE AT 64TH STREET    | MANHATTAN     |
| 0610697 | 12 OZ LEAK FROM CABLE IN MH 59527 | EAST 64 STREET & 1 AVENUE | MANHATTAN     |
| 9103736 | 63RD ST & 1ST AVE                 | 63RD ST & 1ST AVE         | NEW YORK      |
| 9603643 | BETWEEN 1ST & 2ND AV              | 70TH ST BET 1ST & 2ND AVE | MANHATTAN     |
| 9607230 | BTWN 59TH & 60TH ST ON            | 59TH & 60TH ST YORK AVE   | MANHATTAN     |
| 9710651 | IN MOAT                           | 60TH ST GENERATING STA    | MANHATTAN     |
| 0912292 | CON ED GEN STATION                | 514 EAST 60TH ST          | MANHATTAN     |
| 0805290 | 60TH STREET STATION               | 514 EAST 60TH STREET      | NEW YORK      |
| 0613079 | BOILER #6 LEAKING WATER & ASH     | 514 EAST 60 STREET        | MANHATTAN     |
| 0205079 | FIRST AVE AND                     | 62ND STREET               | MANHATTAN     |
| 9601119 | 515 EAST 72ND ST                  | 515 EAST 72ND ST          | MANHATTAN     |
| 9410993 | 419 E. 72ND ST                    | 419 E. 72ND ST            | MANHATTAN     |
| 8912316 | 1365 YORK AVE/MANHATTAN           | 1365 YORK AVENUE          | NEW YORK CITY |
| 0307313 | VAULT 9187                        | 304 EAST 67TH ST          | MANHATTAN     |
| 9608654 | BUSINESS OFFICE                   | 338 EAST 65TH STREET      | MANHATTAN     |
| 9702040 | APT BLDG                          | 1143 FIRST AVE            | MANHATTAN     |
| 0900658 | APT BLDG                          | 360 EAST 72ND ST          | MANHATTAN     |
| 0805423 | FDR DRIVE                         | EAST 73RD ST              | MANHATTAN     |
| 0311943 | HUDSON RIVER                      | EAST 73RD ST/FDR DRIVE    | MANHATTAN     |
| 0310123 | WASTEWATER TREATMENT PLAN         | 73RD STREET FDR DRIVE S.  | MANHATTAN     |
| 0311950 | REGULATOR WIM01                   | EAST 73RD ST FDR DRIVE    | MANHATTAN     |
| 9110299 | 340 E 64TH ST                     | 340 E 64TH ST             | NYC           |
| 0002004 | MAN HOLE 60292                    | E 72ND ST & 1ST AVE       | MANHATTAN     |
| 0013454 | MANHOLE # 61060                   | 1ST AVE/E 72ND ST         | MANHATTAN     |
| 9605163 | 59TH ST/YORK AVE                  | 59TH ST/YORK AVE          | MANHATTAN     |
| 0608539 | SUTTON EAST TENNIS CLUB           | YORK AVE. /E. 59TH ST.    | MANHATTAN     |
| 9111498 | 327 E 64TH ST/HERTZ               | 327 E 64TH ST/HERTZ       | NYC           |
| 0306722 | IFO 502-522 E 73RD ST             | 502-522 E 73RD ST         | MANHATTAN     |

|         |                                       |                                  |               |
|---------|---------------------------------------|----------------------------------|---------------|
| 9411502 | APT.                                  | 315 EAST 65TH STREET             | NEW YORK CITY |
| 9400808 | 326 E. 65TH STREET                    | 326 E. 65TH STREET               | NEW YORK      |
| 9505979 | 326 E. 65TH STREET                    | 326 E. 65TH STREET               | MANHATTAN     |
| 9506460 | 326 E. 65TH STREET                    | 326 E. 65TH STREET               | MANHATTAN     |
| 1110008 | COMMERCIAL PROPERTY                   | YORK AVE & E 73RD ST             | MANHATTAN     |
| 9507626 | 73RD & YORK                           | 73RD & YORK                      | MANHATTAN     |
| 1110007 | PAVEMENT                              | E 73RD ST AND YORK               | MANHATTAN     |
| 9811705 | VAULT 5298                            | 45 SUTTON PLACE                  | MANHATTAN     |
| 0803937 | FIRST AVE                             | AND EAST 61 ST                   | NEW YORK      |
| 0510864 | ROADWAY                               | 61ST ST/ 1ST AVE                 | MANHATTAN     |
| 9414970 | 1123 1ST AVENUE                       | 1123 1ST AVENUE                  | MANHATTAN     |
| 9815388 |                                       | 315 E 68TH ST                    | MANHATTAN     |
| 0111140 | MAN HOLE 48538                        | 1370 YORK AV                     | MANHATTAN     |
| 9710291 | EXXON/MOBIL                           | 1102-1106 1ST AVENUE             | NEW YORK      |
| 0103275 | CREST CLEANERS                        | 1320 SECOND AVE                  | NEW YORK      |
| 0109463 |                                       | 344 EAST 72ND ST                 | MANHATTAN     |
| 0402251 |                                       | YORK AV BTWN 58TH & 59TH         | MANHATTAN     |
| 0504918 | 1374 YORK AVE                         | 1374 YORK AVE                    | MANHATTAN     |
| 9511397 | 423 EAST 73RD ST                      | 423 EAST 73RD ST                 | MANHATTAN     |
| 0704970 | LEAKY XFMR. OIL IN VS# 3913 & IN 3946 | 534 EAST 74 STREET               | MANHATTAN     |
| 0300262 |                                       | 5454 EAST 73RD ST                | MANHATTAN     |
| 9011486 | 545 E 73RD ST/MANH/NYCDOS             | 545 EAST 73RD ST                 | NEW YORK CITY |
| 9808623 | MANHATTAN EAST 05,08,08A DOS -DDC     | 545 EAST 73RD STREET             | MANHATTAN     |
| 0109441 |                                       | 340 EAST 72ND ST                 | MANHATTAN     |
| 9908851 | MANHOLE #Z9311                        | E 67TH ST & 2ND AV               | MANHATTAN     |
| 9707264 | VAULT                                 | 25 SUTTON PL                     | MANHATTAN     |
| 1100956 | 69TH AND 2ND AVE                      | 69TH AND 2ND AVE                 | MANHATTAN     |
| 1010983 | CONSTRUCTION 2ND AVE SUBWAY PROJECT   | BTW 69 TH AND 70TH ALONG 2ND AVE | NEW YORK      |
| 1103517 | TUNNEL CONSTRUCTION                   | 69 ST & 2ND AVE                  | MANHATTAN     |
| 9912122 | 311 EAST 71ST STREET                  | 311 EAST 71ST ST                 | MANHATTAN     |
| 9905071 | MANHOLE 38                            | IFO 1331 2ND AVE                 | MANHATTAN     |
| 0811119 | SEWER BASIN                           | EAST 60TH ST & FIRST ST          | MANHATTAN     |
| 0502559 | MANHOLE 53341                         | NEC EAST 60 STREET-1ST A         | MANHATTAN     |
| 9416167 | 512 EAST 74TH STREET                  | 512 EAST 74TH STREET             | MANHATTAN     |
| 0407362 | MANHOLE 54560                         | EAST 66TH ST/2ND AVE             | MANHATTAN     |
| 0407370 | 74TH ST GEN STATION                   | 506 EAST 74TH ST                 | MANHATTAN     |
| 0301656 | EAST 74TH ST STATION                  | 506 EAST 74TH ST                 | MANHATTAN     |
| 9515508 | 301 EAST 64TH ST                      | 301 EAST 64TH ST                 | MANHATTAN     |
| 0007628 | E 63RD ST SUBSTATION                  | 321 E 63RD ST                    | NEW YORK      |
| 0000571 | E 63RD ST SUBSTATION                  | 321 E 63RD ST                    | NEW YORK      |
| 0005385 | SUB STATION                           | 321 EAST 63RD ST                 | NEW YORK      |
| 9710341 | EAST 63RD ST SUBSTATION               | BETWEEN 1ST & 2ND AV             | MANHATTAN     |
| 0004880 | EAST 63RD ST SUBSTATION               | 321 E 63RD ST                    | NEW YORK      |
| 0206712 | SUBSTATION                            | 321 E 63RD ST                    | NEW YORK      |

|         |                            |                          |           |
|---------|----------------------------|--------------------------|-----------|
| 0001803 | EAST 63RD STREET SUB-STAT  | 321 EAST 63RD STREET     | NEW YORK  |
| 0312752 | EAST 63RD SUBSTATION       | 321 EAST 63RD ST         | NEW YORK  |
| 0001802 | EAST 63RD STREET SUB-STAT  | 321 EAST 63RD STREET     | NEW YORK  |
| 0009212 | E 63RD ST SUBSTATION       | E. 63RD ST SUBSTATION    | MANHATTAN |
| 0004376 | TRANSFORMER #12            | 321 EAST 63RD ST         | NEW YORK  |
| 0008454 | EAST 63RD ST SUB STATION   | 321 EAST 63RD ST         | NEW YORK  |
| 0305653 | EAST 63RD STREET SUBSTAT   | 321 EAST 63RD STREET     | NEW YORK  |
| 0013324 | EAST 63RD ST SUB STA       | 321 EAST 63RD ST         | NEW YORK  |
| 9906535 | EAST 63RD ST SUB STATION   | 321 EAST 63RD ST SECTION | MANHATTAN |
| 0009496 | E 63 ST SUBSTATION         | 321 EAST 63RD ST         | NEW YORK  |
| 0010173 | EAST 63RD ST SUB STATION   | 321 E. 63RD ST           | MANHATTAN |
| 0108097 | E 63RD ST SUBSTATION       | 321 E 63RD ST            | NEW YORK  |
| 0009042 | EAST 63RD ST SUBSTATION    | 321 E 63RD ST            | NEW YORK  |
| 0500283 | E63RD ST SUBSTATION        | 321 EAST 63 RD STREET    | NEW YORK  |
| 9909091 | EAST 63RD ST SUB STATION   | 321 EAST 63RD STREET     | NEW YORK  |
| 0203573 | 321 EAST 63RD ST           | 321 EAST 63RD ST         | NEW YORK  |
| 9914844 | EAST 63RD ST SUB STATION   | 321 EAST 63RD ST         | NEW YORK  |
| 0106589 | E 63RD ST SUBSTATION TR #3 | 321 EAST 63RD ST         | MANHATTAN |
| 9904902 | EAST 63RD ST SUBSTATION    | 321 E 63RD ST            | NEW YORK  |
| 9907280 | EAST 63RD ST SUBSTATION    | 321 E 63RD ST            | NEW YORK  |
| 9904027 | EAST 63RD ST SUB-STATION   | 321 EAST 63RD STREET     | NEW YORK  |
| 9909349 | EAST 63RD ST SUB-STATION   | 321 EAST 63RD STREET     | NEW YORK  |
| 9910156 | E 63RD ST SUBSTATION       | 321 E 63RD ST            | NEW YORK  |
| 9401749 | 321 E. 63RD STEEET         | 321 E. 63RD STREET       | MANHATTAN |
| 9907281 | E 63RD ST SUBSTATION       | 321 E 63RD ST            | NEW YORK  |
| 0003437 | E 63RD ST SUBSTATION       | 321 3 63RD ST            | MANHATTAN |
| 0302097 | EAST 63RD ST               | 321 EAST 63RD ST         | NEW YORK  |
| 0313028 | TRANSFORMER #7             | EAST 63RD SUBSTATION     | MANHATTAN |
| 1007597 | EAST 63RD ST SUBSTATION    | 321 EAST 63RD ST         | MANHATTAN |
| 0212700 | EAST 63RD ST SUBSTATION    | 321 EAST 63RD ST         | NEW YORK  |
| 9703606 | EAST 63RD STREET           | 321 EAST 63RD STREET     | NEW YORK  |
| 9903033 | EAST 63RD ST SUB-STATION   | 63RD ST                  | MANHATTAN |
| 9902666 | EAST 63RD ST SUBSTATION    | EAST 63RD ST             | NEW YORK  |
| 9608384 | EAST 63RD ST SUBSTATION    | 321 EAST 63RD ST         | NEW YORK  |
| 9509917 | E 63ST SUBSTATION          | 321 E 63RD ST            | NEW YORK  |
| 0203198 | EAST 63RD ST SUB STATION   | 321 E. 63RD ST           | MANHATTAN |
| 9509918 | E 63RD ST SUBSTATION       | 321 E 63RD ST            | NEW YORK  |
| 9602060 | EAST 63RD ST SUBSTATION    | 321 EAST 63RD STREET     | NEW YORK  |
| 9902123 | EAST 63RD ST SUBSTATION    | 321 EAST 63RD ST         | NEW YORK  |
| 9802090 | TRANSFORMER #1             | 321 EAST 63RD ST         | NEW YORK  |
| 9802089 | EAST 63RD ST SUBSTATION    | 321 EAST 63RD ST         | NEW YORK  |
| 0103357 | EAST 63RD ST SUB STATION   | EAST 63RD ST             | NEW YORK  |
| 9813506 | EAST 63 ST SUB STATION     | 321 EAST 63RD ST         | NEW YORK  |
| 9902144 | E 63RD ST SUB STATION      | 321 E 63RD ST            | NEW YORK  |

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| 9813530 | EAST 63RD ST SUBSTATION                | 321 EAST 63RD ST                | NEW YORK      |
| 9900090 | EAST 63RD ST SUBSTATION                | 321 E 63RD ST                   | NEW YORK      |
| 0410463 | EAST 63RD SUBSATTION                   | 321 EAST 63RD STREET            | MANHATTAN     |
| 0202268 |                                        | 321 EAST 63RD ST                | NEW YORK      |
| 0011574 | EAST 63RD ST SUBSTATION                | EAST 63RD ST                    | NEW YORK      |
| 0703993 | EAST 63 ST S/S - CAP BANK # 4, B PHASE | 321 EAST 63 STREET - SUBSTATION | MANHATTAN     |
| 0609025 | EAST 63 STREET SUBSTATION              | 321 EAST 63 STREET              | MANHATTAN     |
| 0306339 | E63RD ST SUBSTATION                    | 312 EAST 63RD STREET            | MANHATTAN     |
| 0012953 | EAST 63RD ST SUBSTATION                | 63RD ST                         | MANHATTAN     |
| 0104937 | EAST 63RD ST SUBSTATION                | 1ST/2ND AVE                     | MANHATTAN     |
| 0205893 | TRANSFORMER 2                          | 321 EAST 63RD ST                | NEW YORK      |
| 0406868 | EAST 63RD SUBSTATION                   | 321 EAST 63RD ST                | NEW YORK      |
| 0410313 | EAST 63 ST S/S. XFMR #2                | 321 EAST 63 STREET. SUBSTATION  | MANHATTAN     |
| 0609237 | XFMR # 3 AT 63 STREET SUBSTATION       | 321 EAST 63 STREET              | MANHATTAN     |
| 9509916 | E 63RD SUBSTATION                      | 321 E 63RD ST                   | NEW YORK      |
| 9405667 | HARRISON STEVENS                       | 320 E.72ND ST                   | NEW YORK      |
| 9405655 | 320 EAST 72ND ST                       | 320 EAST 72ND ST                | NEW YORK CITY |
| 0609332 | VS # 9044 & 9012 & 8961                | 419 EAST 58 STREET              | MANHATTAN     |
| 0606176 | AVIS CAR RENTAL                        | 310 EAST 64TH STREET            | MANHATTAN     |
| 0601719 | MANHOLE #48837                         | EAST 74TH ST & YORK AVE         | MANHATTAN     |
| 0914381 | 217977; E 74 STREET AND YORK AVENUE    | E 74 STREET AND YORK AVENUE     | MANHATTAN     |
| 0411694 | VAULT # 7405                           | 236 EAST 67TH STREET/2ND        | MANHATTAN     |
| 0412194 | VAULT # 2087                           | 305 E. 63RD ST.                 | MANHATTAN     |
| 0904217 | VACANT LOT                             | 234 EAST 70TH STREET            | MANHATTAN     |
| 0606324 | RESIDENCE                              | 234 EAST 70TH ST                | MANHATTAN     |
| 0609348 | SHAFT 33B                              | 1ST AVE 59TH STREET             | NEW YORK      |
| 0802030 | HUMAN ERROR AT MH 63610 - 20 GAL       | 59 STREET & FIRST AVENUE        | MANHATTAN     |
| 0008518 | MANHOLE 59525                          | EAST 64TH ST / 2ND AVE          | MANHATTAN     |
| 0310196 | 74TH SUB STATION                       | 506 EAST 75TH STREET            | MANHATTAN     |
| 0401624 | 74TH ST GENERATING STATIO              | 506 EAST 75TH STREET            | NEW YORK CITY |
| 0310695 | 74TH STREET GENERATION ST              | 506 EAST 75TH STREET            | NEW YORK      |
| 0205712 | CON EDISON                             | 506 EAST 75TH STREET            | MANHATTAN     |
| 0404436 | TRANS #2 SUB STATION                   | 506 EAST 75TH STREET            | MANHATTAN     |
| 9407101 | E 74TH ST GENERATOR STA                | 506 EAST 75TH STREET            | MANHATTAN     |
| 9415704 | 506 E. 75TH STREET                     | 506 EAST 75TH STREET            | MANHATTAN     |
| 0905803 | 74TH ST GEN STATION EMIS 218089        | 506 EAST 75TH ST                | MANHATTAN     |
| 1012968 | SURFACE WATER                          | 506 E 75TH ST                   | NEW YORK      |
| 0908687 | EAST 74 GENERATOR STATION              | 506 EAST 75 ST                  | NEW YORK      |
| 1004295 | CON EDISON 74TH ST GEN STATION         | 506 EAST 75TH ST                | MANHATTAN     |
| 0810558 | 70 4TH STREET GENERATING PLANT         | 506 EAST 75TH ST                | MANHATTAN     |
| 0009615 | 74TH STREET GENERATING ST              | 506 EAST 75TH STREET            | MANHATTAN     |
| 0105548 | E 74TH ST GENERATOR STA                | 506 EAST 75TH STREET            | MANHATTAN     |
| 0109460 | EAST 74TH ST POWER CTR                 | 506 EAST 75TH STREET            | MANHATTAN     |
| 0106967 | 74TH ST STATION                        | 506 EAST 75TH STREET            | MANHATTAN     |

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|---------|-------------------------------------------|-----------------------------------|-----------|
| 0703008 | 74 ST GEN STATION. FUEL PUMP # 1          | 506 EAST 75 STREET - GEN STATION  | MANHATTAN |
| 9500617 | 74TH ST GENERATING STA.                   | 74TH ST / YORK AVENUE             | MANHATTAN |
| 9711928 | 74TH ST GENERATING STA                    | 74TH & YORK AVE                   | MANHATTAN |
| 0514943 | 74 STREET GENERATING STATION              | 506 EAST 75TH STREET              | MANHATTAN |
| 9509396 | EAST 74TH ST PLANT                        | E 75TH ST + YORK AVE              | MANHATTAN |
| 9709924 | 74TH ST GENERATING PLANT                  | EAST 75TH STREET                  | NEW YORK  |
| 9608447 | 74TH STATION                              | 506 EAST 75TH STREET              | MANHATTAN |
| 0211436 | CON EDISON                                | 74TH ST GENERATING STATION        | MANHATTAN |
| 9809790 | CON ED GENERATING STATION                 | 74TH ST/506 E 75TH ST             | MANHATTAN |
| 0801637 | 74 STREET STEAM GEN STATION               | 506 EAST 75 STREET                | MANHATTAN |
| 0801357 | STRAINER LEAKING ON PKG BOILER            | 506 EAST 75 ST. STEAM GEN STATION | MANHATTAN |
| 1006507 | CON EDISON 74TH STREET GENERATING STATION | 74TH STREET GENERATING STATION    | MANHATTAN |
| 0713022 | 74 ST STEAM GEN STATION. BURIED DRUM      | 506 EAST 75 STREET                | MANHATTAN |
| 9903805 | EAST 74TH ST STATION                      | 506 EAST 75TH STREET              | MANHATTAN |
| 9807750 | 74TH ST GENERATING STA                    | 506 EAST 75TH STREET              | MANHATTAN |
| 9800574 | EAST 74TH ST GENERATING S                 | 506 E 75TH ST                     | NEW YORK  |
| 9910764 | 74TH ST GENERATING STA                    | 506 EAST 75TH STREET              | MANHATTAN |
| 9910378 | EAST 74TH ST                              | 506 EAST 75TH STREET              | MANHATTAN |
| 9904176 | 74TH ST GEN STATION                       | 506 EAST 75TH STREET              | MANHATTAN |
| 9701364 | 74 TH ST STATION                          | 506 EAST 75TH STREET              | MANHATTAN |
| 9611874 | 74TH ST STATION                           | 506 EAST 75TH ST                  | NEW YORK  |
| 9711970 | 506 E 75TH ST                             | 506 EAST 75TH STREET              | MANHATTAN |
| 9701591 | GENERATING STATION                        | 506 EAST 75TH STREET              | MANHATTAN |
| 0302547 | 74TH ST GENERATING STATIO                 | 506 EAST 75TH STATION             | MANHATTAN |
| 9511235 | 74TH STREET STATION                       | 506 EAST 75TH STREET              | MANHATTAN |
| 9412024 | CON ED GEN. STA. POWER                    | YORK AVE / 74TH ST                | MANHATTAN |
| 9812406 | 403 EAST 58TH ST                          | 403 EAST 58TH ST                  | MANHATTAN |
| 9314746 | 215 EAST 68TH STREET                      | 215 EAST 68TH STREET              | MANHATTAN |
| 9111186 | 215 E 68TH ST                             | 215 E 68TH ST                     | NYC       |
| 9209632 | 215 EAST 68TH STREET                      | 215 EAST 68TH STREET              | MANHATTAN |
| 0211239 | RUDIN MANAGEMENT CO                       | 215 E.68TH ST                     | MANHATTAN |
| 0312146 | REGULATOR WIM02A                          | 74 TH ST & 1ST AVE                | NEW YORK  |
| 0912383 | 74TH ST STATION                           | 74TH ST & 1ST AVE                 | MANHATTAN |
| 9612755 | APARTMENT BUILDING                        | 225 EAST 70TH STREET              | MANHATTAN |
| 1100536 | AT EXCAVATION SITE IFO                    | 1079 FIRST AVE                    | MANHATTAN |
| 9515121 | 261 E 71ST ST                             | 261 E 71ST ST                     | MANHATTAN |
| 1008564 | AT& T WIRELESS FLOOR                      | 1392 2ND AVE                      | NEW YORK  |
| 9808591 | 72ND ST                                   | 2ND AVE                           | MANHATTAN |
| 0501258 | OWNERS COOP                               | 401 E 74TH ST                     | MANHATTAN |
| 0407977 | MANHOLE 48397                             | SUTTON PL / E 57TH ST             | MANHATTAN |
| 9308774 | 306 EAST 61TH STREET                      | 306 EAST 61TH STREET              | MANHATTAN |
| 9208499 | 422 EAST 75TH STREET                      | 422 EAST 75TH STREET              | MANHATTAN |
| 9213073 | 422 EAST 75TH STREET                      | 422 EAST 75TH STREET              | MANHATTAN |
| 0302025 | VAULT 3357                                | 410 E 58TH ST                     | MANHATTAN |

|         |                                |                                  |           |
|---------|--------------------------------|----------------------------------|-----------|
| 1102987 | CONSTRUCTION SITE              | 213 EAST 66TH ST                 | MANHATTAN |
| 1011368 | MTA SUBSTATION                 | E 63RD ST AND 2ND AVE            | MANHATTAN |
| 0914079 | 215977; 2 AVE AND E 63 STREET  | 2 AVE AND E 63 STREET            | NEW YORK  |
| 0604554 | ASPHALT                        | E 58TH ST & 1ST AVE              | MANHATTAN |
| 9800945 | S AND B REALTY                 | 1433 1ST AVE                     | MANHATTAN |
| 0208398 |                                | 343 EAST 74TH STREET             | MANHATTAN |
| 0212258 | ELEVATOR FUMES                 | 1176 2ND AV                      | MANHATTAN |
| 9210355 | 222 E 68TH STREET              | 222 E 68TH STREET                | NEW YORK  |
| 9302215 | 222 E 68TH STREET              | 222 E 68TH STREET                | MANHATTAN |
| 9908557 | UNK AT THIS TIME               | 328 E 74TH ST                    | MANHATTAN |
| 1100811 | LEAKING VEHICLE GAS TANK       | 205 EAST 67TH STREET             | MANHATTAN |
| 1012026 | VAULT 1774                     | IN FRONT OF 205 EAST 67TH ST     | MANHATTAN |
| 0503438 | MANHOLE 00030                  | 2ND AV EAST 62ND ST              | MANHATTAN |
| 0706540 | 245 EAST 63RD ST               | 245 EAST 63RD STREET             | MANHATTEN |
| 9800791 | BASEMENT OF BUILD              | 1416 YORK AVE                    | MANHATTAN |
| 9400922 | DD398 E. 58TH STREET           | 398 E. 58TH STREET               | MANHATTAN |
| 0103765 |                                | 205 E 69TH ST                    | MANHATTAN |
| 0001697 | E 75TH ST SUB STATION          | 525 EAST 75TH STREET             | MANHATTAN |
| 0001658 | EAST 75TH ST SUBSTATION        | 525 EAST 75TH STREET             | MANHATTAN |
| 0009823 | EAST 75TH STREET SUBSTATI      | 525 EAST 75TH STREET             | MANHATTAN |
| 0003384 | EAST 75TH ST SUBSTATION TR # 3 | 525 EAST 75TH STREET             | MANHATTAN |
| 1004142 | 74ST GENERATING STATION        | 525 EAST 75TH ST                 | MANHATTAN |
| 0606943 | E75TH ST SUBST CAP BANK #2     | 525 EAST 75TH STREET             | MANHATTAN |
| 0606942 | E75TH ST SUBST CAP BANK #1     | 525 EAST 75TH STREET             | MANHATTAN |
| 0806317 | 525 EAST 75TH ST               | 525 EAST 75TH ST                 | MANHATTAN |
| 9711349 | EAST 75TH ST SUBST TR # 1      | 525 EAST 75TH STREET             | MANHATTAN |
| 9801946 | 525 EAST 75TH STREET           | 525 EAST 75TH STREET             | MANHATTAN |
| 9707930 | EAST 75TH ST SUBSTATION        | 525 EAST 75TH STREET             | MANHATTAN |
| 9710507 | 74TH STREET STATION            | 525 EAST 75TH STREET             | MANHATTAN |
| 9810051 | EAST 75TH ST SUBST TR # 5      | 525 EAST 75TH STREET             | MANHATTAN |
| 9900508 | EAST 75TH SUBSTATION           | 525 EAST 75TH STREET             | MANHATTAN |
| 9809286 | EAST 75TH ST SUBSTATION        | 525 EAST 75TH STREET             | MANHATTAN |
| 9703696 | EAST 75TH ST SUBSTATION        | 525 EAST 75TH STREET             | MANHATTAN |
| 9703244 | EAST 75TH ST SUBSTATION        | 525 EAST 75TH STREET             | MANHATTAN |
| 9703376 | EAST 75TH ST STATION           | 525 EAST 75TH STREET             | MANHATTAN |
| 0606936 | 1 GAL RELEASE FROM TWO FEEDERS | SUBSTATION AT 525 EAST 75 STREET | MANHATTAN |
| 9707495 | EAST 75TH SUBSTATION           | 525 EAST 75TH STREET             | MANHATTAN |
| 9707893 | E 75TH ST SUBSTATION           | 525 EAST 75TH STREET             | MANHATTAN |
| 9705504 | EAST 75TH ST SUBSTATION        | 525 EAST 75TH STREET             | MANHATTAN |
| 9807856 | EAST 75TH ST SUB-STATION       | EAST 75TH ST SUB-STATION         | MANHATTAN |
| 9803433 | EAST 75TH ST SUB STATION       | EAST 75TH ST SUB STATION         | MANHATTAN |
| 0101478 | EAST 75TH ST SUBSTATION        | EAST 75TH ST                     | MANHATTAN |
| 0303238 | 575 EAST 75TH STREET           | 75TH STREET SUB STATION          | MANHATTAN |
| 9812590 | EAST 75TH ST SUBSTATION        | E 75TH ST/FDR DR                 | MANHATTAN |

|         |                                   |                          |               |
|---------|-----------------------------------|--------------------------|---------------|
| 9913783 | EAST 75TH ST SUB STA              | 525 EAST 75TH STREET     | MANHATTAN     |
| 0000925 | EAST 75 TH ST SUBST TR # 4        | 525 EAST 75TH STREET     | MANHATTAN     |
| 9902146 | EAST 75TH ST SUBSTATION           | 525 EAST 75TH STREET     | MANHATTAN     |
| 0007659 | E75TH ST SUBSTATION               | 525 EAST 75TH STREET     | MANHATTAN     |
| 0202048 | EAST 75ST SUB STATION             | 525 EAST 75TH STREET     | MANHATTAN     |
| 0502773 | SUBSTATION                        | 525 E 75 ST              | NEW YORK      |
| 0010605 | EAST 75TH ST SUB STATION          | EAST 75TH ST             | MANHATTAN     |
| 0011300 | EAST 75TH ST SUBSTATION           | 725 EAST 75TH ST         | MANHATTAN     |
| 0212719 | EAST 75TH ST SUB STATION          | 525 EAST 75TH STREET     | MANHATTAN     |
| 0305443 | E 75TH ST SUBSTATION              | 525 EAST 75TH STREET     | MANHATTAN     |
| 0205039 | EAST 75TH ST SUBSTATION           | 525 EAST 75TH STREET     | MANHATTAN     |
| 0205822 | EAST 75TH ST SUB STATION          | 525 EAST 75TH STREET     | MANHATTAN     |
| 0305565 | E75TH ST SUBSTATION               | 525 EAST 75TH STREET     | MANHATTAN     |
| 0400751 | EAST 75TH SUBSTATION              | 525 EAST 75TH STREET     | MANHATTAN     |
| 0404207 | EAST 75TH SUBSATATION             | 525 EAST 75TH STREET     | MANHATTAN     |
| 0312564 | E 75TH ST SUBSTATION              | 525 EAST 75TH STREET     | MANHATTAN     |
| 0205003 | EAST 75TH ST SUBSTATION TR # 101  | 525 EAST 75TH STREET     | MANHATTAN     |
| 0108844 | E 75TH ST SUBSTATION              | 525 EAST 75TH STREET     | MANHATTAN     |
| 0111660 | E 74TH STATION                    | 525 EAST 75TH STREET     | MANHATTAN     |
| 0100898 | EAST 75TH ST SUBSTATION           | 525 EAST 75TH STREET     | MANHATTAN     |
| 0107583 | E 75TH ST SUBSTATION              | 525 EAST 75TH STREET     | MANHATTAN     |
| 0112146 | EAST 75TH ST SUB STAION           | 525 EAST 75TH STREET     | MANHATTAN     |
| 0201405 |                                   | 525 EAST 75TH STREET     | MANHATTAN     |
| 0201520 | E 75TH ST SUBSTATION              | 525 EAST 75TH STREET     | MANHATTAN     |
| 0112153 | EAST 75TH ST SUBSTATION           | 525 EAST 75TH STREET     | MANHATTAN     |
| 0200238 | EAST 75TH ST SUBSTATION           | 525 EAST 75TH STREET     | MANHATTAN     |
| 9601601 | TRANSFORMER #103                  | 525 EAST 75TH STREET     | MANHATTAN     |
| 0503303 | EAST 75TH STREET SUBSTATION       | 525 EAST 75TH STREET     | MANHATTAN     |
| 9602412 | EAST 75TH ST SUB STATION          | 525 EAST 75TH STREET     | MANHATTAN     |
| 9606245 | EAST 75TH STREET SUBST TR # 104   | 525 EAST 75TH STREET     | MANHATTAN     |
| 9701933 | 76TH ST SUBSTATION                | 525 EAST 75TH STREET     | MANHATTAN     |
| 9604052 | EAST 75TH ST SUB-STATION          | 525 EAST 75TH STREET     | MANHATTAN     |
| 9606244 | EAST 75TH STREET SUBST TR # 102   | 525 EAST 75TH STREET     | MANHATTAN     |
| 0112017 |                                   | YORK AVE BET 75TH & 76TH | MANHATTAN     |
| 9413902 | 339 EAST 58TH ST                  | 339 EAST 58TH ST         | NEW YORK      |
| 1107637 | PAVEMENT                          | 73RD ST AND 2ND AVE      | MANHATTAN     |
| 0106178 | VAULT                             | E61ST & 2ND AV           | MANHATTAN     |
| 0512926 | MANHOLE #54519                    | E 61ST & 2 AVE           | MANHATTAN     |
| 0811355 | I/A/O 61ST & 2ND AVE              | I/A/O 61ST & 2ND AVE     | MANHATTAN     |
| 0713828 | FOUR QTS MOTOR OIL FROM CAR IN ST | 75 STREET & FIRST AVENUE | MANHATTAN     |
| 9414419 | GARDEN APPARTMENTS                | 215 EAST 64TH STREET     | NEW YORK      |
| 0430005 | 240 EAST 63RD STREET              | NEW YORK                 | NEW YORK      |
| 0804416 | 1420 YORK AVENUE CONDOMINIUM      | 1420 YORK AVE.           | MANHATTAN     |
| 8801970 | 245 E 72ND ST/MANH/HESS           | 245 EAST 72ND STREET     | NEW YORK CITY |

|         |                                               |                           |                  |
|---------|-----------------------------------------------|---------------------------|------------------|
| 0210958 | SOLIL MANAGEMENT                              | 1427 YORK AVENUE          | NEW YORK         |
| 0804081 | XFMR IN VAULT #9432 IS LEAKING                | 222 EAST 72 STREET        | MANHATTAN        |
| 0503440 | APARTMENT HOUSE                               | 300 EAST 74TH STREET      | MANHATTAN        |
| 9709973 | 247 EAST 62ND ST                              | 247 EAST 62ND ST          | MANHATTAN        |
| 9513486 | 410 EAST 57TH STREET                          | 410 EAST 57TH STREET      | MANHATTAN        |
| 1107550 | RENOIRHOUSE RESIDENCE                         | 225 EAST 63RD STREET      | NEW YORK         |
| 0009327 |                                               | 221 E. 63RD ST            | MANHATTAN        |
| 0005667 | MANHOLE 53311                                 | 57TH ST AND 1ST AVENUE    | MANHATTAN        |
| 0005666 |                                               | 57TH STREET & 1ST AVENUE  | MANHATTAN        |
| 0709954 | LENOX HILL HOSPITAL/PS. 59                    | 213 EAST 63RD ST          | NEW YORK         |
| 0008647 | VAULT 9616                                    | 220-30 EAST 64TH ST       | MANHATTAN        |
| 0210582 | CHARLES GREENTHAL                             | 230 EAST 73RD ST          | MANHATTAN        |
| 0411220 | MANHOLE 60303                                 | 76 ST & E YORK AVE        | MANHATTAN        |
| 9813926 | MANHOLE 60153                                 | 76TH STREET+YORK AVE      | MANHATTAN        |
| 0411136 | STREET E. 76TH ST                             | E. 76TH ST & YORK AVE     | MANHATTAN        |
| 9813007 | CONSTRUCTION SITE ON 1ST                      | AVE BTWN 75 AND 76TH STRE | MANHATTAN        |
| 9710857 | GOLDWATER POWER PLANT                         | ROOSEVELT ISLAND #4       | ROOSEVELT ISLAND |
| 9714119 | GOLDWATER POWER PLANT                         | ROSEVELT AVE              | MANHATTAN        |
| 0303638 | COLER-GOLDWATER HOSPITAL                      | 1 MAIN ST                 | ROOSEVELT ISLAND |
| 9812592 | VAULT 6648                                    | ROOSEVELT IS/GOLDWATER B  | MANHATTAN        |
| 9908536 | IN GAS ROOM                                   | 1 MAIN ST                 | ROOSEVELT ISLAND |
| 0611995 | APT BUILDING                                  | 252 EAST 61ST ST          | MANHATTAN        |
| 0200918 |                                               | 252 EAST 61ST ST          | MANHATTAN        |
| 9613927 | 68TH ST BY 3RD                                | 68TH ST BY 3RD            | MANHATTAN        |
| 9204391 | 326 E 58TH ST                                 | 326 E 58TH ST             | NYC              |
| 9805539 | 2ND AV 59TH & 60TH                            | 2ND AVE 59TH & 60TH       | MANHATTAN        |
| 0711256 | APARTMENT BLDG.                               | 400 EAST 57TH ST.         | MANHATTAN        |
| 1002721 | ROOSEVELT ISLAND STATE                        | 680 MAIN ST               | ROOSEVELT ISLAND |
| 0603575 | VAULT 2487                                    | 1104 2 AVENUE             | MANHATTAN        |
| 0600230 | APARTMENTS                                    | 370 EAST 76TH ST          | MANHATTAN        |
| 0200019 | NEWPORT EAST CO-OP                            | 370 E 76TH STREET         | MANHATTAN        |
| 0012286 | END OF 36TH AVE BY                            | BANK TO RIVER (36TH AVE)  | LONG ISLAND CITY |
| 9507290 | ROOSEVELT BRIDGE                              | NEAR CON EDISON           | NEW YORK         |
| 9912841 | 425 EAST 76TH STREET                          | 425 EAST 76TH STREET      | MANHATTAN        |
| 9810946 |                                               | 425 EAST 76TH ST          | MANHATTAN        |
| 0513181 | APARTMENT                                     | 425 EAST 76TH ST          | MANHATTAN        |
| 1100812 | TRAFFIC ACCIDENT AND DIESEL SPILL             | EAST 59TH ST AND 2ND AVE  | MANHATTAN        |
| 1100815 | CON EDISON -NYCDOS TRUCK IN SERVICE BOX 54502 | 2ND AVE AND 59TH ST       | MANHATTAN        |
| 9909550 | MH 60215                                      | EAST 76TH ST AND 1ST AVE  | MANHATTAN        |
| 9909848 | EAST 76TH ST                                  | FIRST AVE                 | MANHATTAN        |
| 0400920 | CON ED MANHOLE # 60335                        | 1ST AVE & EAST 76TH STREE | NEW YORK         |
| 9506470 | 1462 FIRST AVENUE                             | 1462 FIRST AVENUE         | MANHATTAN        |
| 9506957 | 1462 FIRST AVENUE                             | 1462 FIRST AVENUE         | MANHATTAN        |
| 9403311 | BHS                                           | 215 E 72ND ST             | MANHATTAN        |



|         |                                          |                                 |                  |
|---------|------------------------------------------|---------------------------------|------------------|
| 9814204 | 403 EAST 76TH ST                         | 403 EAST 76TH ST                | MANHATTAN        |
| 9906472 |                                          | 403 E 76TH ST                   | NEW YORK         |
| 8810126 | 010 E 73RD ST/MANHATTAN                  | 210 EAST 73RD STREET            | NEW YORK CITY    |
| 8705751 | 225 EAST 73RD ST./MANHATT                | 225 EAST 73RD ST.               | NEW YORK CITY    |
| 1104433 | ROADWAY                                  | 1464 AND 1RST AVE               | MANHATTAN        |
| 0905726 | APT BLDG                                 | 36 SUTTON PL SOUTH              | MANHATTAN        |
| 9305815 | UNDER 59TH ST BRIDGE                     | QUEENS SIDE                     | LONG ISLAND CITY |
| 9407987 | QUEENSBORO BRIDGE                        | QUEENSBORO BRIDGE               | QUEENS           |
| 9404647 | 59TH STREET BRIDGE                       | 59TH ST BRIDGE                  | ROOSEVELT ISLAND |
| 9614689 | UNDER 59TH ST BRIDGE                     | UNDER 59TH ST BRIDGE            | LONG ISLAND CITY |
| 8703589 | 59TH STREET BRIDGE / QUEE                | 59TH STREET BRIDGE              | NEW YORK CITY    |
| 0500314 | 59TH STREET BRIDGE /                     | QUEENSBORO BRIDGE               | QUEENS           |
| 9508618 | QUEENSBORO BRIDGE                        | LOWER ROADWAY COLUMN 39         | QUEENS           |
| 0713639 | QUEENSBORO BRIDGE                        | 59TH STREET BRIDGE              | QUEENS           |
| 9504881 | 59TH ST BRIDGE                           | 59TH ST BRIDGE                  | QUEENS           |
| 9409825 | 59TH ST BRIDGE                           | 59TH ST BRIDGE                  | QUEENS           |
| 0303388 | BUILDING                                 | 205 E 63RD ST                   | NEW YORK         |
| 9613452 | APT HOUSE                                | 205 E. 63RD ST                  | MANHATTAN        |
| 9706638 | EAST 77 TH BY JOHN JAY PK                | E.77TH ST & FDR DR              | MANHATTAN        |
| 0403956 | MANHOLE #2872                            | EAST 55TH ST & SUTTON PLA       | MANHATTAN        |
| 9808806 | RESTAURANT                               | 206 E 63RD ST                   | MANHATTAN        |
| 9612465 | APARTMENT BUILDING                       | 164-6 EAST 66TH ST              | MANHATTAN        |
| 9511208 | 139 EAST 66TH STREET CORP                | 139 EAST 66TH STREET            | MANHATTAN        |
| 9613621 | PLAZA 400 OWNERS CORP                    | 400 EAST 56TH ST                | MANHATTAN        |
| 9613620 | 400 E 56TH ST                            | 400 E 56TH ST                   | MANHATTAN        |
| 0704299 | ONE GALLON OIL LEAKED FROM XFMR          | EAST 75 STREET & SECOND AVENUE  | MANHATTAN        |
| 0902394 | UNKNOWN                                  | 303 EAST 57TH STREET            | MANHATTAN        |
| 9910131 | 1220 3RD AVENUE                          | 1220 3RD AVENUE                 | MANHATTAN        |
| 0103046 | VAULT 5358                               | 400-402 EAST 77TH ST            | MANHATTAN        |
| 9813395 | RESIDENCE                                | 400 EAST 77TH ST                | MANHATTAN        |
| 9308100 | 160 EAST 65TH STREET                     | 160 EAST 65TH STREET            | MANHATTAN        |
| 9308891 | 217 EAST 61TH STREET                     | 217 EAST 61TH STREET            | MANHATTAN        |
| 9506525 | 203 E. 72ND STREET                       | 203 E. 72ND STREET              | MANHATTAN        |
| 8808369 | BROWN/HARRIS/STEVENS                     | 203 E.72ND ST                   | NEW YORK         |
| 9212602 | 225 EAST 74TH STREET                     | 225 EAST 74TH STREET            | MANHATTAN        |
| 0204687 | 245 EAST 58TH STREET                     | 245 EAST 58TH STREET            | MANHATTAN        |
| 0605980 | SIDEWALK                                 | 157 EAST 67TH ST                | MANHATTAN        |
| 9300162 | JIM CARRY                                | CHEVOKEE APT. BLDG              |                  |
| 0605530 | VAULT 6112                               | 175 EAST 68 STREET AT LEXINGTON | MANHATTAN        |
| 9107638 | 150 E 69TH ST                            | 150 E 69TH ST                   | NYC              |
| 0909263 | TRANS CANADA                             | 38-54 VERNON BLVD               | LONG ISLAND CITY |
| 0906822 | RAVENSWOOD GENERATING STATION            | 38-54 VERNON BLVD               | LONG ISLAND      |
| 0906707 | RAVENWOOD GENERATING STA #10 HP SEAL OIL | 38-54 VERNON BLVD               | LONG ISLAND CITY |
| 9202813 | 3854 VERNON BLVD                         | 3854 VERNON BLVD                | QUEENS           |

|         |                                            |                              |                  |
|---------|--------------------------------------------|------------------------------|------------------|
| 0000871 | POWER STATION                              | 3854 VERNON BLVD             | QUEENS           |
| 0707781 | POWER STATION -RAVENSWOOD                  | 38-54 VERNON BOULEVARD       | LONG ISLAND      |
| 0612432 | SHEEN IN EAST RIVER                        | 38-54 VERNON BOULEVARD       | NEW YORK         |
| 0701024 | GAS TURBINE #4 -RAVENSWOOD                 | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0700594 | RAVEN'S WOOD POWER STATIO                  | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0807804 | RAVENSWOOD POWER PLANT                     | 38-54 VERNON BLVD            | LONG ISLAND CITY |
| 0903784 | TRANS CANADA UTLIITY YARD                  | 38-54 VERNON BLVD            | QUEENS           |
| 0813357 | RAVENSWOOD GENERATING STATION              | 38-54 VERNON BLVD            | LONG ISLAND CITY |
| 0900589 | RAVENSWOOD GENERATING STATION              | 38-54 VERNON BLVD            | LONG ISLAND CITY |
| 0813689 | TRANSCANADA                                | 38-54 VERNON BLVD            | LONG ISLAND CITY |
| 0300054 | RAVENSWOOD POWER STATION                   | STEAM PLANT-3854 VERNON B    | LONG ISLAND CITY |
| 0900040 | UNIT 30 ON THE 53 FOOT ELEVATION LP TURBAN | 3854 VERNON BLVD             | LONG ISLAND CITY |
| 0903491 | VERNON SUBSTATION                          | 3854 VERNON BLVD             | QUEENS           |
| 0801232 | VERNON S/S. PUMPHOUSE # 5, VALVE           | 3854 VERNON BLVD. SUBSTATION | LONG ISLAND CITY |
| 0800028 | VERNON S/S. PH # 1 - VALVE RV # 1          | 3854 VERNON BLVD. SUBSTATION | LONG ISLAND CITY |
| 9804964 | RAVENSWOOD GEN. STATION                    | 3854 VERNON BLVD             | QUEENS           |
| 9807415 | RAVENSWOOD GEN. STATION                    | 3854 VERNON BLVD             | QUEENS           |
| 9902308 | SUB-BASMENT RAVENWOODS                     | 38-54 VERNON BL              | QUEENS           |
| 9708720 | RAVENSWOOD GEN STATION                     | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 9706414 | RAVENSWOOD GENERATING                      | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 9707554 | RAVENSWOOD GENERATING STA                  | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0209346 | RAVENSWOOD GENERATING STA                  | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0310810 | RAVENSWOOD STATION                         | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 9701360 | RAVENSWOOD SUB-STATION                     | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0200474 | RAVENSWOOD POWER STATION                   | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 9711374 | RAVENSWOOD GENERATING ST.                  | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 9713677 | RAVENSWOOD GENERATION STA                  | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 9709556 | RAVENSWOOD STEAM PLANT                     | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 9709674 | RAVENSWOOD SITE                            | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 9705669 | RAVENSWOOD GENERATING ST                   | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 9714465 | RAVENSWOOD GENERATING STA                  | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 9714278 | RAVENSWOOD GENERATING STA                  | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0612540 | RAVENSWOOD POWER STATION                   | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0608800 | RAVENS WOOD POWER STATION                  | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0607349 | VERNON SUBSTATION                          | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0511057 | RAVENSWOOD POWER STATION                   | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0706055 | ONE QT MOTOR OIL LEAK                      | 38-54 VERNON BLVD            | QUEENS           |
| 0705886 | RAVENS WOOD POWER STATION                  | 38-54 VERNON BLVD.           | LONG ISLAND CITY |
| 0613453 | POWER STATION-RAVENSWOOD                   | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0407355 | POWER STATION-RAVENSWOOD                   | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0402153 | RAVENSWOOD POWER STATION                   | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0400787 | RAVENSWOOD POWER STATION                   | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0308531 | RAVENSWOOD GENERATING STA                  | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |
| 0500667 | RAVENS WOOD POWER STATION                  | 38-54 VERNON BOULEVARD       | LONG ISLAND CITY |

|         |                                    |                           |                  |
|---------|------------------------------------|---------------------------|------------------|
| 0330036 | VERNON SUBSTATION CB9W             | 38-54 VERNON BOULEVARD    | LONG ISLAND CITY |
| 0303068 | RAVENSWOOD GENERATING              | 38-54 VERNON BOULEVARD    | LONG ISLAND CITY |
| 1003562 | POWERPLANT                         | 3854 VERNON BVLD          | LONG ISLAND CITY |
| 1000565 | TRANS CANADA RAVENSWOOD LLC        | 38-54 VERNON BLVD         | LONG ISLAND CITY |
| 0607213 | 10 GAL # 6 FO FROM OPEN VALVE IN   | RAVENSWOOD TUNNEL         | QUEENS           |
| 1004116 | VERNON SUBSTATION                  | 38-54 VERNON BLVD         | QUEENS           |
| 1003973 | INDUSTRIAL POWER PLANT             | 3854 VERNON BLVD          | LONG ISLAND CITY |
| 1000932 | VERNON SUBSTATION                  | 38-54 VERNON BLVD         | QUEENS           |
| 1004965 | RAVENSWOOD TRANSCANADA POWER PLANT | 3854 VERNON BLVD.         | LONG ISLAND CITY |
| 1007767 | TRANSCANADA LONG IS. CITY          | 38-54 VERNON BLVD         | LONG ISLAND CITY |
| 1005343 | TRANSCANADA RAVENWOOD              | 38-54 VERNON BLVD         | LONG ISLAND CITY |
| 0313901 | RAVENSWOOD POWER STATION           | VERNON BLVD               | LONG ISLAND CITY |
| 0304114 | RAVENSWOOD CONSTRUCTION            | 88-54 VERNON BL           | LONG ISLAND CITY |
| 0314324 | RAVENSWOOD POWER STATION           | 34-54 VERNON BLVD         | LONG ISLAND CITY |
| 9311706 | RAVENSWOOD STATION                 | 3605 VERNON BLVD.         | QUEENS           |
| 0008955 | RAVENSWOOD SUB-STATION             | 7-18 37TH AVENUE          | QUEENS           |
| 0404921 | FEEDER 69M07                       | RAVENSWOOD TUNNEL         | QUEENS           |
| 0407099 | RAVENS WOOD POWER STATION          | 38 -54 VERNON BLVD        | LONG ISLAND      |
| 0504036 | RAVENSWOOD POWER STATION           | 30-54 VERNON BLVD         | LONG ISLAND CITY |
| 1000611 | VERNON SUBSTATION                  | 38-54 VERNON BLVD         | QUEENS           |
| 1107254 | PUMP STATION                       | 38-54 VERNON BLVD         | QUEENS           |
| 1105493 | TRANS CANADA POWER PLANT           | 38-54 VERNON BLVD         | LONG ISLAND CITY |
| 1109631 | TRANS-CANADA POWER FACILITY        | 3854 VERNON BLVD          | LONG ISLAND CITY |
| 1105717 | CON EDISON FACILITY                | 38 - 54 VERNON BLVD       | QUEENS           |
| 1112159 | ROOF                               | 38-54 VERNON BLVD         | LONG ISLAND CITY |
| 1111919 | VERNON BLVD SUBSTATION             | 38-54 VERNON BLVD         | QUEENS           |
| 1112633 | VERNON SUBSTATION                  | 38-54 VERNON BLVD         | QUEENS           |
| 1113349 | VERNING SUBSTATION                 | 3854 VERON BLVD           | QUEENS           |
| 1110841 | RAVENSWOOD GENERATING STATION      | 38 -54 VERNON BLVD        | LONG ISLAND CITY |
| 1010905 | POWER PLANT                        | 38-54 VERNON BVLD         | LONG ISLAND CITY |
| 0911906 | TRANS CANADA POWER PLANT           | 3854 VERNON BVLD          | LONG ISLAND CITY |
| 1100554 | VERNON SUBSTATION                  | 38-54 VERNON BVLD         | QUEENS           |
| 1010660 | TRANS CANADA                       | 38-54 VERNON BLVD         | LONG ISLAND CITY |
| 0910848 | TRANS CANADA RAVENSWOOD PLANT      | 3854 VERNON BLVD.         | LONG ISLAND CITY |
| 1100592 | BLUESTONE W/IN VERNON SUBSTATION   | 38-54 VERNON BLVD         | QUEENS           |
| 1103235 | RAVENSWOOD GENERATING STATION      | 38-54 VERNON BLVD         | LONG ISLAND CITY |
| 1102600 | RAVENSWOOD GENERATING STATION      | 38-54 VERNON BLVD         | LONG ISLAND CITY |
| 9411862 | RAVENWOOD STATION                  | VERNON BLVD               | LONG ISLAND CITY |
| 9510670 | RAVENSWOOD GENERATING STA          | 40TH AVENUE AT VERNON BLV | QUEENS           |
| 9512071 | RAVENSWOOD TURBINE STA             | 40TH AVE                  | QUEENS           |
| 9515099 | RAVENSWOOD GENERATING ST           | VERNON BLVD               | LONG ISLAND CITY |
| 9314394 | RAVENSWOOD GAS TURBINES            | 37TH AVE & VERNON BLVD.   | QUEENS           |
| 0010935 | CON ED RAVENSWOOD FACILIT          | RAVENSWOOD FACILITY       | QUEENS           |
| 9513084 | RAVENSWOOD GENERATING              | 35-54 VERNON BLVD         | QUEENS           |

|         |                           |                        |                  |
|---------|---------------------------|------------------------|------------------|
| 8602212 | BARGE E 17 RAVENSWOOD PGS | RAVENSWOOD POWER PLANT | NEW YORK CITY    |
| 9807987 | RAVENSWOOD GENERATING STN | VERNON BLVD            | LONG ISLAND CITY |
| 0100483 | CON ED RAVENSWOOD         | CON ED RAVENSWOOD      | QUEENS           |
| 0110786 | TUNNEL A RAVENWOOD PLANT  | VERNON BLVD            | LONG ISLAND CITY |
| 0030035 | RAVENSWOOD GAS TURBINES   | VERNON BLVD            | LONG ISLAND CITY |
| 0109387 | RAVENSWOOD YARD           | 37TH AVE+VERNON BLVD   | QUEENS           |
| 0009541 | RAVENSWOOD SUBSTATION     | 37TH AVE & VERNON BLVD | QUEENS           |
| 0110806 | RAVENSWOOD TUNNEL HOUSE   | 40TH AV & VERNON BLVD  | QUEENS           |
| 0312488 | CON ED RAVENSWOOD TUNNEL  | 37TH AVE/ VERNON BLVD  | QUEENS           |
| 9808821 | RAVENSWOODS GAS TURBINE   | 40TH AVE & VERNON BLVD | QUEENS           |
| 9809156 | RAVENSWOOD GAS TURBINE    | 40TH AV & VERNON BLVD  | QUEENS           |
| 9902491 | RAVENSWOODS GAS SERVICE   | 40TH AVE & DERNON BLVD | QUEENS           |
| 9813213 | RAVENSWOOD STATION        | 38 RT 54 VERNON BLVD   | QUEENS           |
| 9807637 | RAVENSWOOD POWER HOUSE    | 7-18 37TH AVE          | QUEENS           |
| 9805416 | RAVENSWOOD STEAM A-HOUSE  | 7-18 37TH AVE          | QUEENS           |
| 9901665 | RAVENSWOOD GENERATING STA | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9901769 | RAVENSWOOD PLANT          | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9901057 | RAVENSWOOD GENERATING STA | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9901108 | RAVENWOOD STA PARKING LOT | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9902291 | RAVENSWOOD GENERATING STA | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9901790 | RAVENSWOOD PLANT          | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9603492 | RAVENSWOOD STATION        | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9600282 | CONCRETE-RAVENSWOOD       | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9603965 | PAVEMENT                  | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9604269 | RAVENSWOOD GENERATOR SITE | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9516018 | RAVENSWOOD GEN STATION    | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9505782 | 38-54 VERNON BLVD         | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9508517 | RAVENSWOOD GENERATING ST  | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9505373 | RAVENSWOOD GENERATING STA | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9513746 | CON ED                    | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9514222 | RAVENSWOOD STA CHEM LAB   | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9512506 | RAVENSWOOD GENERAT STA    | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9512533 | RAVENSWOOD STATION        | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9900925 | RAVENSWOOD GENERATING STA | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9906048 | VERNON SUB STA            | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9612642 | CON ED-VERNON SUB STATION | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 0305171 | VERNON SUB STATION        | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 0200414 | VERNON SUBSTATION         | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 9814266 | VERNON SUBSTATION TR #1   | 38-54 VERNON BOULEVARD | LONG ISLAND CITY |
| 0305154 | VERNON SUB STA            | 3854 VERNON BOULEVARD  | LONG ISLAND CITY |
| 9906221 | VERNON SUBSTATION         | 3854 VERNON BL         | QUEENS           |
| 0202734 | VERNON SUBSTATION         | 38-54 VERNON BLVD      | QUEENS           |
| 0104022 | VERNON BL SUBSTATION      | 38-54 VERNON BL        | QUEENS           |
| 0104041 | VERNON SUB STATION        | 3854 VERNON BLVD       | QUEENS           |

|         |                                    |                               |                  |
|---------|------------------------------------|-------------------------------|------------------|
| 0108213 | VERNON SUBST REACTOR 31381         | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 0110409 | VERNON SUB STATION                 | 3854 VERNON BLVD              | QUEENS           |
| 0202840 | VERNON SUBSTATION                  | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9913337 | RAVENSWOOD PWR STATION             | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9905906 | MANHOLE #16430                     | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9904127 | RAVENWOOD TUNNEL HEADHOUSE         | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9912655 | RAVENSWOOD POWER STATION           | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 0709962 | FDR 31282 A-PHASE POTHEAD          | 38-54 VERNON BLVD             | LONG ISLAND CITY |
| 0709779 | VERNON S/S. VALVE IN PUMP HOUSE #1 | 38-54 VERNON BLVD. SUBSTATION | LONG ISLAND CITY |
| 0200415 | VERNON SUBSTATION                  | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9805871 | RAVENSWOOD GENERATING STA          | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9806885 | RAVENSWOOD GEN. STATION            | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9805814 | RAVENSWOOD STATION                 | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9801490 |                                    | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9810916 | RAVENSWOOD GENERATING              | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9804921 | RAVENSWOOD GENERATING STA          | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9805191 | RAVENSWOOD STATION                 | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9803439 | RAVENSWOOD GENERATING STA          | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9804581 | RAVENSWOOD GENERATING STA          | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9102977 | RAVENSWOOD GAS TURBINES            | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9703235 | RAVENWOOD GEN STATION              | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9703293 | RAVENSWOODS STATION                | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9703224 | RAVENSWOOD STATION                 | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9709257 | RAVENWOOD STATION                  | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9704000 | RAVENSWOOD GENERATING STA          | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9702607 | RAVENSWOOD GENERATING              | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9701783 | RAVENWOOD STATION                  | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9701681 | RAVENSWOOD GEN. STATION            | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9809965 | RAVENSWOOD GENERATING STA          | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9611913 | RAVENSWOOD GEN STATION             | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9609377 | RAVENSWOOD GEN STATION             | 38-54 VERNON BLVD             | NEW YORK CITY    |
| 9608600 | RAVENSWOOD GENERATING STA          | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9612718 | RAVENSWOOD GENERATING STA          | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9612903 | RAVENSWOOD STATION                 | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9612231 | 38-54 VERNON BLVD                  | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9608451 | RAVENSWOOD STATION                 | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9505374 | RAVENSWOOD GENERATING STA          | 38-54 VERNON ROAD             | LONG ISLAND CITY |
| 9605823 | RAVENSWOOD STATION                 | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9608086 | RAVENWOODS GEN STATION             | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9608091 | RAVENSWOOD GENERATING STA          | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9607392 | RAVENWOOD STATION                  | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9613378 | RAVENSWOOD GENERATING STA          | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9814850 | RAVENSWOOD GENERATING STA          | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |
| 9808722 | RAVENSWOOD GENERATING STA          | 38-54 VERNON BOULEVARD        | LONG ISLAND CITY |

|         |                                    |                                  |                  |
|---------|------------------------------------|----------------------------------|------------------|
| 9815108 | RAVENS WOOD GENERATING             | 38-54 VERNON BL                  | QUEENS           |
| 9614514 | 38-54 VERNON BLVD                  | 38-54 VERNON BOULEVARD           | LONG ISLAND CITY |
| 9508137 | RAVENSWOOD GEN STATION             | 38-54 VERNON BOULEVARD           | LONG ISLAND CITY |
| 9609945 | RAVENSWOOD GEN STATION             | 38-54 VERNON BOULEVARD           | LONG ISLAND CITY |
| 9702122 | 63RD AND 3RD AVE                   | 63RD AND 3RD AVE                 | MANHATTAN        |
| 9811746 |                                    | 238 EAST 75TH ST                 | NEW YORK         |
| 0207503 | BROWN, HARRIS & STEVENS MANAGEMENT | 50 SUTTON PL SOUTH               | MANHATTAN        |
| 0708666 | ON THE ROADWAY                     | 1ST. AVE. @77TH ST.              | NEW YORK         |
| 0312475 | VAULT# 5358                        | EAST 77TH & 1ST AVE              | MANHATTAN        |
| 0210134 | VAULT #4399                        | 241 E 75TH ST                    | MANHATTAN        |
| 9101294 | 350 EAST 56TH ST/MANH              | 350 EAST 56TH STREET             | NEW YORK CITY    |
| 9516330 | VERNON SUB STATION                 | VERNON BLVD AND 41 ST AVE        | QUEENS           |
| 9902575 | VERNON SUBSTATION                  | VERNON BLVD & 41 AVE             | QUEENS           |
| 9415398 | VERNON SUB STATION                 | VERNON BLVD. & 41ST ST.          | QUEENS           |
| 9608341 | VERNON SUBSTATION                  | VERNON BLVD& 41 ST AVE           | QUEENS           |
| 9607700 | VERNON SUB STATION                 | VERNON BLVD / 40TH AVE           | QUEENS           |
| 9609831 | VERNON SUBSTATION FDR 38M06        | VERNON BLVD                      | LONG ISLAND CITY |
| 9609712 | VERNON SUB-STATION                 | 41ST ST & VERNON BLVD            | QUEENS           |
| 9609760 | VERNON SUB STATION                 | VERNON BLVD 41ST ST              | QUEENS           |
| 9805689 | VERNON SUBSTATION                  | VERNON BLVD AT 41ST AVE          | QUEENS           |
| 0108038 | VERNON SUBSTATION                  | VERNON BLVD & 35TH AVE           | QUEENS           |
| 9814666 | TRANSFORMER #4W                    | VERNON SUBSTATION                | QUEENS           |
| 0400818 | VERNON SUBSTATION                  | VERNON BLVD. /41ST AVE.          | QUEENS           |
| 9814667 | TRANSFORMER #7E                    | VERNON SUBSTATION                | QUEENS           |
| 0705133 | VERNON S/S. BARKSDALE LEAKING      | VERNON BLVD & 40 AVE. SUBSTATION | LONG ISLAND CITY |
| 9612235 | VERNON SUB STATION                 | 40TH AVE & VERNON BLVD           | QUEENS           |
| 0411888 | VERNON SUBSTATION                  | VERNON BLVD/41ST AVE             | QUEENS           |
| 9814668 | TRANSFORMER #8E                    | VERNON SUBSTATION                | QUEENS           |
| 9814670 | VERNON SUBSTATION BUS 3WB          | VERNON BLVD                      | LONG ISLAND CITY |
| 9814671 | VERNON SUBSTATION BUS 8W PT        | VERNON BLVD                      | LONG ISLAND CITY |
| 9905434 | VERNON SUB-STATION                 | VERNON BLVD                      | LONG ISLAND CITY |
| 9704481 | VERNON SUBSTATION                  | VERNON BLVD/41ST ST              | QUEENS           |
| 9703832 | VERNON SUB STA                     | VERNON BLVD AND 41ST             | QUEENS           |
| 9701646 | VERNON SUB STATION                 | VERNON BLVD AT 41ST ST           | QUEENS           |
| 0205473 | VERNON SUBSTATION                  | VERNON BL 91ST ST                | QUEENS           |
| 0006638 | VERNON SUBSTATION                  | VERNON BLVD/40TH ST              | QUEENS           |
| 9814977 | VERNON SUB STATION                 | 34TH STREET+VERNON BLVD          | QUEENS           |
| 9612129 | BRAUN REALITY                      | 405 EAST 77TH ST                 | MANHATTAN        |
| 1010955 | APT BUILDING BASEMENT              | 228 EAST 75TH ST                 | NEW YORK         |
| 9713686 | FDNY SPECIAL OPS COMMAND           | 750 EAST MAIN ST                 | QUEENS           |
| 8908079 | ROOSEVELT ISLAND/78TH ST           | ROOSEVELT ISLAND/78TH ST         | NEW YORK CITY    |
| 0404455 | CONED MANHOLE#8310                 | EAST 73 RD & 3RD AVE             | MANHATTAN        |
| 9212792 | 300 EAST 57TH STREET               | 300 EAST 57TH STREET             | MANHATTAN        |



***NO OIL STORAGE FACILITIES LARGER THAN 400,000 GALLONS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS***


**PETROLEUM BULK STORAGE FACILITIES LESS THAN 400,000 GALLONS IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS**

PLEASE NOTE: \* Compass directions can vary substantially for sites located very close to the subject property address.

**Map Identification Number 670**


**THE ROCKEFELLER UNIVERSITY**  
1230 YORK AVENUE

NEW YORK, 10065

**Facility Id: 2-031682**

**Source: NYS DEC**

TT-Id: 640A-0034-117

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 83 feet to the NNW\*

**ADDRESS CHANGE INFORMATION**

Revised street: 1230 YORK AVE

Revised zip code: 10021

Facility Type: School

Site Status: Active

Expiration Date of the facility's registration certificate: 12/18/2016

Operator Name: THE ROCKEFELLER UNIVERSITY

Operator Phone #: (212) 327-8001

Owner Name: BRENDAN BOLGER – MGR

Owner Company: THE ROCKEFELLER UNIVERSITY

Owner Type: Corporate or Commercial

Owner Address: 1230 YORK AVE, NEW YORK, NY 10065

| TANK<br>NUMBER                                                              | TANK<br>STATUS | TANK<br>CONTENT | CAPACITY<br>GALLONS | TANK<br>LOCATION                   | INSTALL<br>DATE | TEST<br>DATE | CLOSE<br>DATE |
|-----------------------------------------------------------------------------|----------------|-----------------|---------------------|------------------------------------|-----------------|--------------|---------------|
| 001 PH                                                                      | In Service     | #4 Fuel Oil     | 20000               | Aboveground on Crib Rack or Cradle | 12/01/1955      |              |               |
| The following tank 001 PH content has been deleted or replaced: #6 Fuel Oil |                |                 |                     |                                    |                 |              |               |
| 002 PH                                                                      | In Service     | #6 Fuel Oil     | 20000               | Aboveground on Crib Rack or Cradle | 12/01/1955      |              |               |
| 03A PH                                                                      | In Service     | #4 Fuel Oil     | 18500               | Aboveground on Crib Rack or Cradle | 12/01/1959      |              |               |
| The following tank 03A PH content has been deleted or replaced: #6 Fuel Oil |                |                 |                     |                                    |                 |              |               |
| 03B PH                                                                      | In Service     | Diesel          | 18500               | Aboveground on Crib Rack or Cradle | 12/01/1959      |              |               |
| 005 PH                                                                      | In Service     | Diesel          | 275                 | Aboveground – In Contact with Soil | 07/07/1989      |              |               |
| 006 LARC                                                                    | In Service     | Diesel          | 1000                | Underground                        | 03/01/1999      |              |               |
| 007 LARC                                                                    | In Service     | Diesel          | 275                 | Aboveground – In Contact with Soil | 12/30/1974      |              |               |
| 008 FLEX                                                                    | In Service     | Diesel          | 275                 | Aboveground – In Contact with Soil | 06/13/2001      |              |               |
| 009 HOSP                                                                    | In Service     | Diesel          | 275                 | Aboveground – In Contact with Soil | 10/22/2004      |              |               |
| 010                                                                         | In Service     | Diesel          | 3000                | Aboveground on Crib Rack or Cradle | 05/04/2010      |              |               |

TANK NUMBER: 001 PH

TANK EXT. PROTECTION: Painted/Asphalt Coating

PIPING EXT. PROTECTN:

PIPING TYPE: Steel/Carbon Steel/Iron

OVERFILL PROTECTION: Product Level Gauge (A/G)

TANK TYPE:

TANK LEAK DETECTN: Imperv. Barrier/Concrete Pad (A/G)

PIPING LEAK DETECTN: Exempt Suction Piping

PIPING LOCATION: Aboveground

SPILL PREVENTION: None

Steel/Carbon Steel/Iron

Imperv. Barrier/Concrete Pad (A/G)

Exempt Suction Piping

Aboveground

None

TK INT. PROTECTION: None

TK SEC. CONTAINMNT: Vault (w/access)

PIPE SEC. CONTAINMNT: None

DISPENSER METHOD: Suction

\*\*\*\* TANK INFO FOR THIS SITE CONTINUES ON NEXT PAGE \*\*\*\*



|                                                            |                                                         |                                                    |
|------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------|
| TANK NUMBER: 002 PH                                        | TANK TYPE: Steel/Carbon Steel/Iron                      | TK INT. PROTECTION: None                           |
| TANK EXT. PROTECTION: Painted/Asphalt Coating              | TANK LEAK DETECTN: Imperv. Barrier/Concrete Pad (A/G)   | TK SEC. CONTAINMNT: Vault (w/access)               |
| PIPING EXT. PROTECTN: PIPING TYPE: Steel/Carbon Steel/Iron | PIPING LEAK DETECTN: Exempt Suction Piping              | PIPE SEC. CONTAINMNT: None                         |
| OVERFILL PROTECTION: Product Level Gauge (A/G)             | PIPING LOCATION: Aboveground                            |                                                    |
|                                                            | SPILL PREVENTION: None                                  | DISPENSER METHOD: Suction                          |
|                                                            |                                                         |                                                    |
| TANK NUMBER: 03A PH                                        | TANK TYPE: Steel/Carbon Steel/Iron                      | TK INT. PROTECTION: None                           |
| TANK EXT. PROTECTION: Painted/Asphalt Coating              | TANK LEAK DETECTN: Imperv. Barrier/Concrete Pad (A/G)   | TK SEC. CONTAINMNT: Vault (w/access)               |
| PIPING EXT. PROTECTN: PIPING TYPE: Steel/Carbon Steel/Iron | PIPING LEAK DETECTN: Exempt Suction Piping              | PIPE SEC. CONTAINMNT: None                         |
| OVERFILL PROTECTION: Product Level Gauge (A/G)             | PIPING LOCATION: No Piping                              |                                                    |
|                                                            | SPILL PREVENTION: None                                  | DISPENSER METHOD: Suction                          |
|                                                            |                                                         |                                                    |
| TANK NUMBER: 03B PH                                        | TANK TYPE: Steel/Carbon Steel/Iron                      | TK INT. PROTECTION: None                           |
| TANK EXT. PROTECTION: Painted/Asphalt Coating              | TANK LEAK DETECTN: Imperv. Barrier/Concrete Pad (A/G)   | TK SEC. CONTAINMNT: Vault (w/access)               |
| PIPING EXT. PROTECTN: PIPING TYPE: Steel/Carbon Steel/Iron | PIPING LEAK DETECTN: Exempt Suction Piping              | PIPE SEC. CONTAINMNT: None                         |
| OVERFILL PROTECTION: Product Level Gauge (A/G)             | PIPING LOCATION: Aboveground                            |                                                    |
|                                                            | SPILL PREVENTION: None                                  | DISPENSER METHOD: Suction                          |
|                                                            |                                                         |                                                    |
| TANK NUMBER: 005 PH                                        | TANK TYPE: Steel/Carbon Steel/Iron                      | TK INT. PROTECTION: None                           |
| TANK EXT. PROTECTION: Painted/Asphalt Coating              | TANK LEAK DETECTN: None                                 | TK SEC. CONTAINMNT: Other                          |
| PIPING EXT. PROTECTN: None                                 | PIPING LEAK DETECTN: None                               | PIPE SEC. CONTAINMNT: None                         |
| PIPING TYPE: Steel/Carbon Steel/Iron                       | PIPING LOCATION: Aboveground                            |                                                    |
| OVERFILL PROTECTION: High Level Alarm                      | SPILL PREVENTION: None                                  | DISPENSER METHOD: Suction                          |
|                                                            |                                                         |                                                    |
| TANK NUMBER: 006 LARC                                      | TANK TYPE: Fiberglass Reinforced Plastic (FRP)          | TK INT. PROTECTION: None                           |
| TANK EXT. PROTECTION: Fiberglass                           | TANK LEAK DETECTN: Interstitial – Electronic Monitoring | TK SEC. CONTAINMNT: Double-Walled (Underground)    |
| PIPING EXT. PROTECTN: Painted/Asphalt Coating              | PIPING LEAK DETECTN: None                               | PIPE SEC. CONTAINMNT: None                         |
| PIPING TYPE: Steel/Carbon Steel/Iron                       | PIPING LOCATION: Underground/On-ground                  |                                                    |
| OVERFILL PROTECTION: High Level Alarm                      | SPILL PREVENTION: None                                  | DISPENSER METHOD: Suction                          |
|                                                            |                                                         |                                                    |
| TANK NUMBER: 007 LARC                                      | TANK TYPE: Steel/Carbon Steel/Iron                      | TK INT. PROTECTION: None                           |
| TANK EXT. PROTECTION: Painted/Asphalt Coating              | TANK LEAK DETECTN: In-Tank System (ATG)                 | TK SEC. CONTAINMNT: Other                          |
| PIPING EXT. PROTECTN: None                                 | PIPING LEAK DETECTN: None                               | PIPE SEC. CONTAINMNT: None                         |
| PIPING TYPE: Steel/Carbon Steel/Iron                       | PIPING LOCATION: Aboveground                            |                                                    |
| OVERFILL PROTECTION: Automatic Shut-Off                    | SPILL PREVENTION: None                                  | DISPENSER METHOD: Suction                          |
|                                                            |                                                         |                                                    |
| TANK NUMBER: 008 FLEX                                      | TANK TYPE: Steel/Carbon Steel/Iron                      | TK INT. PROTECTION: None                           |
| TANK EXT. PROTECTION: Painted/Asphalt Coating              | TANK LEAK DETECTN: In-Tank System (ATG)                 | TK SEC. CONTAINMNT: Other                          |
| PIPING EXT. PROTECTN: None                                 | PIPING LEAK DETECTN: None                               | PIPE SEC. CONTAINMNT: None                         |
| PIPING TYPE: Steel/Carbon Steel/Iron                       | PIPING LOCATION: Aboveground                            |                                                    |
| OVERFILL PROTECTION: Float Vent Valve                      | SPILL PREVENTION: None                                  | DISPENSER METHOD: Suction                          |
|                                                            |                                                         |                                                    |
| TANK NUMBER: 009 HOSP                                      | TANK TYPE: Steel/Carbon Steel/Iron                      | TK INT. PROTECTION: None                           |
| TANK EXT. PROTECTION: Painted/Asphalt Coating              | TANK LEAK DETECTN: In-Tank System (ATG)                 | TK SEC. CONTAINMNT: Modified Dbl-Walled (Abovegrd) |
| PIPING EXT. PROTECTN: Urethane                             | PIPING LEAK DETECTN: None                               | PIPE SEC. CONTAINMNT: None                         |

\*\*\*\* TANK INFO FOR THIS SITE CONTINUES ON NEXT PAGE \*\*\*\*

|                                               |                                                           |                                                      |
|-----------------------------------------------|-----------------------------------------------------------|------------------------------------------------------|
| PIPING TYPE: Steel/Carbon Steel/Iron          | PIPING LOCATION: Aboveground                              | DISPENSER METHOD: Suction                            |
| OVERFILL PROTECTION: Automatic Shut-Off       | SPILL PREVENTION: None                                    |                                                      |
| TANK NUMBER: 010                              | TANK TYPE: Steel/Carbon Steel/Iron                        | TK INT. PROTECTION: None                             |
| TANK EXT. PROTECTION: Painted/Asphalt Coating | TANK LEAK DETECTN: In-Tank System (ATG)                   | TK SEC. CONTAINMNT: Modified Dbl-Walled (Abovegrd)   |
| PIPING EXT. PROTECTN: Urethane                | PIPING LEAK DETECTN: Interstitial – Electronic Monitoring | PIPE SEC. CONTAINMNT: Modified Dbl-Walled (Abovegrd) |
| PIPING TYPE: Steel/Carbon Steel/Iron          | PIPING LOCATION: Aboveground                              |                                                      |
| OVERFILL PROTECTION: High Level Alarm         | SPILL PREVENTION: Other                                   | DISPENSER METHOD: Submersible                        |

**Map Identification Number 671**      **PHIPPS HOUSE**  
 445 E 68TH ST

**Facility Id: 2-044245**      **Source: NYS DEC**  
 NEW YORK, 10021      TT-Id: 640A-0035-040

MAP LOCATION INFORMATION  
 Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 253 feet to the NNW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building  
 Site Status: Unregulated  
 Expiration Date of the facility's registration certificate:  
 Operator Name: ANGEL TORRES  
 Owner Name:  
 Owner Company: NY HOSPITAL PHIPPS HOUSE AGENT  
 Owner Address: 435 E 70TH ST, NEW YORK, NY 10021

Operator Phone #: (212) 249-9644

Owner Type: Corporate or Commercial

| TANK<br>NUMBER | TANK<br>STATUS    | TANK<br>CONTENT | CAPACITY<br>GALLONS | TANK<br>LOCATION | INSTALL<br>DATE | TEST<br>DATE | CLOSE<br>DATE |
|----------------|-------------------|-----------------|---------------------|------------------|-----------------|--------------|---------------|
| 001            | Closed – In Place | Empty           | 15000               | Underground      | 12/01/1956      |              | 12/01/1996    |

**Map Identification Number 672**      **NEW YORK PRESBYTERIAN HOSPITAL**  
 525 EAST 68TH STREET

**Facility Id: 2-010820**      **Source: NYS DEC**  
 NEW YORK, 10021      TT-Id: 640A-0039-751

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING – LARGE SITE  
 Approximate distance from property: 350 feet to the N

ADDRESS CHANGE INFORMATION  
 Revised street: 525 E 68TH ST  
 Revised zip code: NO CHANGE

Facility Types: Hospital/Nursing Home/Health Care  
 The following additional facility type data has not been updated since 2002.  
 Other  
 Site Status: Active  
 Expiration Date of the facility's registration certificate: 10/23/2012  
 Operator Name: MR. GEORGE PECOVIC

Operator Phone #: (212) 746-1920

Owner Name: MR. LOUIS WETSTEIN – DIR., OFFICE OF FACILITIES OPERATIONS  
 Owner Company: NEW YORK PRESBYTERIAN HOSPITAL  
 Owner Address: 525 EAST 68TH STREET, NEW YORK, NY 10021

Owner Type: Corporate or Commercial

| TANK<br>NUMBER                                                           | TANK<br>STATUS   | TANK<br>CONTENT | CAPACITY<br>GALLONS | TANK<br>LOCATION                   | INSTALL<br>DATE | TEST<br>DATE | CLOSE<br>DATE |
|--------------------------------------------------------------------------|------------------|-----------------|---------------------|------------------------------------|-----------------|--------------|---------------|
| 001                                                                      | Closed – Removed | #2 Fuel Oil     | 21000               | Aboveground – In Contact with Soil | 12/01/1974      |              | 03/01/1995    |
| 002                                                                      | Closed – Removed | #2 Fuel Oil     | 21000               | Aboveground – In Contact with Soil | 12/01/1974      |              | 03/01/1995    |
| 003                                                                      | Closed – Removed | Diesel          | 21000               | Aboveground – In Contact with Soil | 12/01/1974      |              | 11/01/1995    |
| 004                                                                      | Closed – Removed | Diesel          | 21000               | Aboveground – In Contact with Soil | 12/01/1976      |              | 11/01/1995    |
| 005                                                                      | Closed – Removed | #2 Fuel Oil     | 21000               | Aboveground – In Contact with Soil | 12/01/1976      |              | 08/01/1995    |
| 006                                                                      | Closed – Removed | #2 Fuel Oil     | 21000               | Aboveground – In Contact with Soil | 12/01/1976      |              | 08/01/1995    |
| 007                                                                      | Closed – Removed | #2 Fuel Oil     | 60                  | Aboveground – In Contact with Soil | 09/01/1996      |              | 09/01/1996    |
| 008                                                                      | Closed – Removed | #2 Fuel Oil     | 240                 | Aboveground – In Contact with Soil | 09/01/1966      |              | 09/01/1996    |
| 01                                                                       | In Service       | #2 Fuel Oil     | 20000               | Underground                        | 03/01/1995      |              |               |
| 02                                                                       | In Service       | #2 Fuel Oil     | 20000               | Underground                        | 03/01/1995      |              |               |
| 03                                                                       | In Service       | Diesel          | 20000               | Underground                        | 11/01/1995      |              |               |
| The following tank 03 content has been deleted or replaced: #2 Fuel Oil  |                  |                 |                     |                                    |                 |              |               |
| 04                                                                       | In Service       | Diesel          | 20000               | Underground                        | 11/01/1995      |              |               |
| 05                                                                       | In Service       | #2 Fuel Oil     | 20000               | Underground                        | 08/01/1995      |              |               |
| 06                                                                       | In Service       | #2 Fuel Oil     | 20000               | Underground                        | 08/01/1995      |              |               |
| 009                                                                      | In Service       | Diesel          | 20000               | Aboveground on Crib Rack or Cradle | 09/01/1996      |              |               |
| The following tank 009 content has been deleted or replaced: #2 Fuel Oil |                  |                 |                     |                                    |                 |              |               |
| 010                                                                      | In Service       | Diesel          | 275                 | Aboveground on Crib Rack or Cradle | 09/01/1996      |              |               |
| The following tank 010 content has been deleted or replaced: #2 Fuel Oil |                  |                 |                     |                                    |                 |              |               |
| 011                                                                      | In Service       | Diesel          | 275                 | Aboveground on Crib Rack or Cradle | 09/01/1996      |              |               |
| The following tank 011 content has been deleted or replaced: #2 Fuel Oil |                  |                 |                     |                                    |                 |              |               |

**Map Identification Number 673** **ZUCKERMAN RESEARCH CENTER**  
 417 EAST 68TH STREET

**Facility Id: 2-610729** **Source: NYS DEC**  
 NEW YORK, 10065 TT-Id: 640A-0081-906

#### MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 381 feet to the NNW

#### ADDRESS CHANGE INFORMATION

Revised street: 417 E 68TH ST  
 Revised zip code: 10021

Facility Type: Other  
 Site Status: Active  
 Expiration Date of the facility's registration certificate: 10/03/2015  
 Operator Name: FACILITIES MANAGEMENT  
 Owner Name: BRYAN IRVING – MGR  
 Owner Company: MEMORIAL SLOAN-KETTERING CANCER CENTER  
 Owner Address: 1275 YORK AVE, NEW YORK, NY 10065

Operator Phone #: (646) 888-2632

Owner Type: Corporate or Commercial

| TANK<br>NUMBER | TANK<br>STATUS | TANK<br>CONTENT | CAPACITY<br>GALLONS | TANK<br>LOCATION                   | INSTALL<br>DATE | TEST<br>DATE | CLOSE<br>DATE |
|----------------|----------------|-----------------|---------------------|------------------------------------|-----------------|--------------|---------------|
| 001            | In Service     | Diesel          | 18000               | Aboveground on Crib Rack or Cradle | 10/03/2005      |              |               |

**Map Identification Number 674**  **MEMORIAL HOSPITAL**  
417 E 68 ST

**Facility Id: NY06610**  
NEW YORK, NY 10021

**Source: NYC FIRE DEPT**  
TT-Id: 660A-0006-608

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 381 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: ONE 275 GAL TANK DIESEL 10000G  
TOT 10275G NO FEE

**Map Identification Number 675**  **WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY**  
427 E. 69TH STREET

**Facility Id: 2-609522**  
NEW YORK, 10021

**Source: NYS DEC**  
TT-Id: 640A-0039-726

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
Approximate distance from property: 481 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building  
Site Status: Unregulated  
Expiration Date of the facility's registration certificate:  
Operator Name: ERIK TALLEY  
Owner Name: STEVEN P. ROSALIE - ASSOCIATE PROVOST  
Owner Company: WEILL MEDICAL COLLEGE OF CORNELL UNIV.  
Owner Address: 1300 YORK AVENUE, NEW YORK, NY 10021

Operator Phone #: (212) 746-6201

Owner Type: Corporate or Commercial

| TANK<br>NUMBER | TANK<br>STATUS   | TANK<br>CONTENT | CAPACITY<br>GALLONS | TANK<br>LOCATION                         | INSTALL<br>DATE | TEST<br>DATE | CLOSE<br>DATE |
|----------------|------------------|-----------------|---------------------|------------------------------------------|-----------------|--------------|---------------|
| 1              | Closed - Removed | Other           | 4000                | Abovegrnd - In Contact w/Imperv. Barrier |                 |              | 04/15/2004    |

**Source: NYS DEC**

TT-Id: 640A-0039-733

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Operator Phone #: (646) 962-7233

Owner Type: Corporate or Commercial

Owner Type: Corporate or Commercial

Owner Type: Corporate or Commercial

Owner Type: Corporate or Commercial

Owner Type: Corporate or Commercial

Owner Type: Corporate or Commercial

**Source: NYS DEC**

TT-Id: 640A-0035-036

### ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Operator Phone #: (212) 879-8020

Owner Type: Corporate or Commercial

Owner Type: Corporate or Commercial

Owner Type: Corporate or Commercial

Owner Type: Corporate or Commercial

Owner Type: Corporate or Commercial

Owner Type: Corporate or Commercial

| TANK<br>NUMBER                                                          | TANK<br>STATUS | TANK<br>CONTENT | CAPACITY<br>GALLONS | TANK<br>LOCATION                   | INSTALL<br>DATE | TEST<br>DATE | CLOSE<br>DATE |
|-------------------------------------------------------------------------|----------------|-----------------|---------------------|------------------------------------|-----------------|--------------|---------------|
| 01                                                                      | In Service     | #2 Fuel Oil     | 5000                | Aboveground – In Contact with Soil | 09/19/1923      |              |               |
| The following tank 01 content has been deleted or replaced: #6 Fuel Oil |                |                 |                     |                                    |                 |              |               |

**Map Identification Number 678 PUBLIC SCHOOL 183 – MANHATTAN**

419 EAST 66TH STREET

NEW YORK, 10021

**Facility Id: 2-353531****Source: NYS DEC**

TT-Id: 640A-0035-044

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 546 feet to the NW

**ADDRESS CHANGE INFORMATION**

Revised street: 419 E 66TH ST

Revised zip code: NO CHANGE

Facility Type: School

Site Status: Active

Expiration Date of the facility's registration certificate: 06/28/2013

Operator Name: PLANT OPERATIONS

Operator Phone #: (718) 349-5400

Owner Name: JAMES A. MERLO – MANAGER, FUEL DIVISION

Owner Company: NEW YORK CITY DEPARTMENT OF EDUCATION

Owner Type: Local Government

Owner Address: 44-36 VERNON BOULEVARD, LONG ISLAND CITY, NY 11101

| TANK<br>NUMBER | TANK<br>STATUS | TANK<br>CONTENT | CAPACITY<br>GALLONS | TANK<br>LOCATION                   | INSTALL<br>DATE | TEST<br>DATE | CLOSE<br>DATE |
|----------------|----------------|-----------------|---------------------|------------------------------------|-----------------|--------------|---------------|
| 001            | In Service     | #4 Fuel Oil     | 5000                | Aboveground on Crib Rack or Cradle | 04/17/1970      |              |               |

**Map Identification Number 679 YORK RIVER HOUSE**

1175 YORK AVENUE

NEW YORK, 10065

**Facility Id: 2-056383****Source: NYS DEC**

TT-Id: 640A-0034-116

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 556 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: 10021

Facility Type: Apartment Building/Office Building

Site Status: Active

Expiration Date of the facility's registration certificate: 12/02/2016

Operator Name: MIKE MC GOWAN

Operator Phone #: (212) 319-8375

Owner Name: IRA MEISTER – SECRETARY

Owner Company: YORK RIVER HOUSE CONDOMINIUM

Owner Type: Corporate or Commercial

Owner Address: 1175 YORK AVENUE, NEW YORK, NY 10065

| TANK<br>NUMBER | TANK<br>STATUS | TANK<br>CONTENT | CAPACITY<br>GALLONS | TANK<br>LOCATION                   | INSTALL<br>DATE | TEST<br>DATE | CLOSE<br>DATE |
|----------------|----------------|-----------------|---------------------|------------------------------------|-----------------|--------------|---------------|
| 001            | In Service     | #6 Fuel Oil     | 12000               | Aboveground – In Contact with Soil | 08/01/1959      |              |               |

**Map Identification Number 680****WEILL CORNELL MEDICAL COLLEGE – KIPS BAY**

411 EAST 69TH STREET

NEW YORK, 10021

**Facility Id: 2-611173****Source: NYS DEC**

TT-Id: 640A-0086-748

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 587 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Facility Type: School

Site Status: Unregulated

Expiration Date of the facility's registration certificate:

Operator Name: WEILL CORNELL MEDICAL COLLEGE

Operator Phone #: (646) 962-7233

Owner Name:

Owner Company: CORNELL UNIVERSITY FOR WEILL MEDICAL COLLEGE

Owner Type:

Owner Address: 1300 YORK AVENUE, BOX 354, NEW YORK, NY 10065

| TANK<br>NUMBER | TANK<br>STATUS   | TANK<br>CONTENT | CAPACITY<br>GALLONS | TANK<br>LOCATION | INSTALL<br>DATE | TEST<br>DATE | CLOSE<br>DATE |
|----------------|------------------|-----------------|---------------------|------------------|-----------------|--------------|---------------|
| 002            | Closed – Removed | #2 Fuel Oil     | 3000                | Underground      | 08/06/2009      |              | 08/06/2009    |

**Map Identification Number 681****MS BETTY WEG**

428 E 66 ST

NEW YORK, NY 10021

**Facility Id: NY06984****Source: NYC FIRE DEPT**

TT-Id: 660A-0006-642

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 587 feet to the WNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL NO 2 OIL 1100GALS

**Map Identification Number 682****PHIPPS HOUSES**

437 EAST 70TH STREET

NEW YORK, 10021

**Facility Id: 2-402621****Source: NYS DEC**

TT-Id: 640A-0039-725

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 600 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Facility Type: Unknown

Site Status: Unregulated

Expiration Date of the facility's registration certificate:

Operator Name: SAMUEL A SCERRI

Operator Phone #: (212) 249-9644

Owner Name:

Owner Company: NY HOSP PHIPPS HOUSES AGENT

Owner Address: 435 EAST 70TH STREET, NEW YORK, NY 10021

Owner Type:

| TANK<br>NUMBER | TANK<br>STATUS    | TANK<br>CONTENT | CAPACITY<br>GALLONS | TANK<br>LOCATION                   | INSTALL<br>DATE | TEST<br>DATE | CLOSE<br>DATE |
|----------------|-------------------|-----------------|---------------------|------------------------------------|-----------------|--------------|---------------|
| 001            | Closed – In Place | #2 Fuel Oil     | 1500                | Aboveground – In Contact with Soil |                 |              | 08/01/1985    |

**Map Identification Number 683** **424 EAST 66 ST CORP.**

426 E 66 ST

NEW YORK, NY 10021

**Facility Id: NY00697****Source: NYC FIRE DEPT**

TT-Id: 660A-0005-944

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 603 feet to the WNW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FO NO 2 2000G

**Map Identification Number 684** **424-426 EAST 66TH ST**

424-426 EAST 66TH ST

NEW YORK, 10021

**Facility Id: 2-260355****Source: NYS DEC**

TT-Id: 640A-0035-035

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 619 feet to the WNW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building

Site Status: Active

Expiration Date of the facility's registration certificate: 07/10/2017

Operator Name: ISUF NEZAJ

Operator Phone #: (212) 472-9774

Owner Name: VITO R. VERNI – PRESIDENT

Owner Company: 424 E 66 ST CORP

Owner Type: Corporate or Commercial

Owner Address: P O BOX 600-WOODLAWN STATION, BRONX, NY 10470

| TANK<br>NUMBER | TANK<br>STATUS | TANK<br>CONTENT | CAPACITY<br>GALLONS | TANK<br>LOCATION                   | INSTALL<br>DATE | TEST<br>DATE | CLOSE<br>DATE |
|----------------|----------------|-----------------|---------------------|------------------------------------|-----------------|--------------|---------------|
| 001            | In Service     | #2 Fuel Oil     | 2060                | Aboveground – In Contact with Soil | 03/29/1985      |              |               |



**Map Identification Number 685** **FANNIE KLIEN**  
 420 EAST 66 ST

**Facility Id: 2-311391** **Source: NYS DEC**  
 NEW YORK, 10021 TT-Id: 640A-0035-038

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 644 feet to the WNW

**ADDRESS CHANGE INFORMATION**

Revised street: 420 EAST 66TH ST  
 Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building  
 Site Status: Unregulated  
 Expiration Date of the facility's registration certificate:  
 Operator Name: STEVE  
 Owner Name:  
 Owner Company: KLEIN REALTY  
 Owner Address: 1641 FIRST AVENUE, NEW YORK, NY 10028

Operator Phone #: (212) 879-0888

Owner Type: Corporate or Commercial

| TANK NUMBER | TANK STATUS       | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION                      | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|-------------------|--------------|------------------|------------------------------------|--------------|-----------|------------|
| 001         | Closed - In Place | #2 Fuel Oil  | 2000             | Aboveground - In Contact with Soil |              |           |            |

**Map Identification Number 686** **MEMORIAL SLOAN-KETTERING CANCER CENTER**  
 425 EAST 68TH STREET

**Facility Id: 2-601665** **Source: NYS DEC**  
 NEW YORK, 10021 TT-Id: 640A-0035-041

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 654 feet to the NW

**ADDRESS CHANGE INFORMATION**

Revised street: 1250 FIRST AVENUE  
 Revised zip code: NO CHANGE

Facility Type: Other  
 Site Status: Active  
 Expiration Date of the facility's registration certificate: 12/17/2013  
 Operator Name: FACILITIES MANAGEMENT  
 Owner Name: PAUL ZEL - DIRECTOR, ENV HEALTH & SAFETY DEPT  
 Owner Company: MEMORIAL SLOAN-KETTERING CANCER CENTER  
 Owner Address: 1275 YORK AVENUE, NEW YORK, NY 10065

Operator Phone #: (212) 639-7859

Owner Type: Corporate or Commercial

| TANK NUMBER | TANK STATUS      | TANK CONTENT | CAPACITY GALLONS | TANK LOCATION | INSTALL DATE | TEST DATE | CLOSE DATE |
|-------------|------------------|--------------|------------------|---------------|--------------|-----------|------------|
| 3-A         | Closed - Removed | Diesel       | 2000             | Underground   |              |           | 04/01/1999 |
| 001         | Closed - Removed | #2 Fuel Oil  | 10000            | Underground   |              |           | 01/01/1994 |
| 002         | In Service       | Diesel       | 10000            | Underground   | 01/01/1994   |           |            |
| 2           | Closed - Removed | Diesel       | 5000             | Underground   | 07/01/1999   |           | 10/31/2007 |
| 2-A         | Closed - Removed | Diesel       | 10000            | Underground   |              |           | 07/01/1999 |
| 3           | In Service       | Diesel       | 2500             | Underground   | 06/01/1999   |           |            |

\*\*\*\* TANK INFO CONTINUES ON NEXT PAGE \*\*\*\*

|    |            |        |      |                                    |            |
|----|------------|--------|------|------------------------------------|------------|
| 1  | In Service | Diesel | 250  | Aboveground on Crib Rack or Cradle | 01/01/1994 |
| 4  | In Service | Diesel | 250  | Aboveground on Crib Rack or Cradle | 01/01/1994 |
| 7  | In Service | Diesel | 500  | Aboveground on Crib Rack or Cradle | 01/01/1999 |
| 19 | In Service | Diesel | 4000 | Aboveground on Crib Rack or Cradle | 01/01/1989 |
| 20 | In Service | Diesel | 275  | Aboveground on Crib Rack or Cradle | 01/01/1989 |
| 23 | In Service | Diesel | 60   | Aboveground on Crib Rack or Cradle | 06/01/1999 |



### HAZARDOUS WASTE GENERATORS/TRANSPORTERS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

PLEASE NOTE: \* Compass directions can vary substantially for sites located very close to the subject property address.

#### Map Identification Number 687



#### NYSDEC Name:

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

#### CONSOLIDATED EDISON

EAST 68TH ST & YORK

CON EDISON

NE CORNER E 68TH ST & YORK AVE

NEW YORK, NY 10001

NEW YORK, NY 10022

Facility Id: NYP004169157

TT-Id: 740A-0068-423

#### MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 56 feet to the NNW\*

#### ADDRESS CHANGE INFORMATION

Revised street: E 68TH ST / YORK AVE

Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: DANIEL PONTECORVO

Source Type: Emergency

Contact Phone: 347-203-2573

Contact Info Date: 05/08/2009

#### NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE CODE | WASTE DESCRIPTION | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR | HISTORIC MAXIMUM AMOUNT | YEAR |
|------------|-------------------|--------------|-------------|------------------|------|-------------------------|------|
| D008       | Lead              | 1500         | POUNDS      | GENERATED        | 2009 |                         |      |

#### Map Identification Number 688



#### NYSDEC Name:

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

#### CONSOLIDATED EDISON

N/W/C E.68TH & YORK AVE

CON EDISON - MANHOLE 48488

N/W/C E.68TH & YORK AVE

NEW YORK, NY 10022

NEW YORK, NY 10022

Facility Id: NYP004169140

TT-Id: 740A-0069-149

#### MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 56 feet to the NNW\*

#### ADDRESS CHANGE INFORMATION

Revised street: E 68TH ST / YORK AVE

Revised zip code:

US EPA RCRA Type: LARGE QUANTITY GENERATOR

Notification date: None Given

Land Disposal: Receives offsite waste:

Incinerator:

Storer: Treatment facility:

Transporter:

Contact Name: FRANKLYN MURRAY

Source Type: Annual/Biennial Report update with Notification

Contact Phone: 212-460-2808

Contact Info Date: 03/23/2010

Contact Name: DANIEL PONTECORVO

Source Type: Emergency

Contact Phone: 347-203-2573

Contact Info Date: 05/08/2009

Historically listed as the following USEPA RCRA Generator Size(s) as well:

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

-----  
NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D008          | Lead                 | 3500            | POUNDS         | GENERATED           | 2009 |                            |      |

Map Identification Number 689



NYSDEC Name:

ROCKEFELLER UNIVERSITY

NYSDEC Address:

1230 YORK AVENUE

NEW YORK, NY 10065

Facility Id: NYD071037113

EPA (RCRA) Name:

THE ROCKEFELLER UNIVERSITY

TT-Id: 740A-0027-199

EPA (RCRA) Address:

1230 YORK AVENUE

NEW YORK, NY 10065

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 129 feet to the NNW\*

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 10021

US EPA RCRA Type: LARGE QUANTITY GENERATOR

Notification date: 08/18/1980

Land Disposal:

Receives offsite waste:

Incinerator:

Storer:

Treatment facility:

Transporter: No current info -- Previously reported

Contact Name: AVERY RYOU

Source Type: Annual/Biennial Report update with Notification

Contact Phone: 212-327-8324

Contact Info Date: 02/13/2012

Contact Name: ANTHONY SANTORO

Source Type: Implementer

Contact Phone: 212-327-8324

Contact Info Date: 01/01/2007

Contact Name: DAVID LYONS

Source Type: Notification

Contact Phone: 212-360-1333

Contact Info Date: 08/18/1980

Contact Name: REBECCA LONERGAN

Source Type: Annual/Biennial Report

Contact Phone: 212-327-8324

Contact Info Date: 02/06/2008

## US EPA RCRA Violations:

Violation Type: Generators – General

Violation Number: 0001 Location: NY

Former Citation:

Responsible Agency:

STATE

Violation Determination Date:

01/02/1992

Violation Return to Compliance:

02/12/1992

Violation Type: TSD Int Stat-Contingency Plan and Emer Procedures

Violation Number: 0002 Location: NY

Former Citation:

Responsible Agency:

STATE

Violation Determination Date:

05/23/2006

Violation Return to Compliance:

05/30/2006

Violation Type: Generators – General  
 Violation Number: 0003 Location: NY  
 Former Citation:

Responsible Agency: EPA  
 Violation Determination Date: 03/14/2011  
 Violation Return to Compliance: 03/14/2011

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability | 1350            | POUNDS         | GENERATED           | 2012 | 8005                       | 1987 |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  | 104             | POUNDS         | GENERATED           | 2012 | 4035                       | 1998 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   | 45              | POUNDS         | GENERATED           | 2012 | 1527                       | 1997 |
| D008                                                                  | Lead                                                         | 5               | POUNDS         | GENERATED           | 2012 | 2464                       | 2004 |
| D009                                                                  | Mercury                                                      | 2               | POUNDS         | GENERATED           | 2012 | 3609                       | 2001 |
| D022                                                                  | Chloroform                                                   | 4070            | POUNDS         | GENERATED           | 2012 |                            |      |
| P087                                                                  | Osmium oxide OsO <sub>4</sub> , (T-4)-                       | 1               | POUNDS         | GENERATED           | 2012 | 744                        | 1998 |
| More than one waste code was reported for the following waste amount: |                                                              | 115             | POUNDS         | GENERATED           | 2012 | 282                        | 2007 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 66              | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 22              | POUNDS         | GENERATED           | 2012 | 22                         | 2010 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 4               | POUNDS         | GENERATED           | 2012 | 67                         | 2007 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 22              | POUNDS         | GENERATED           | 2012 | 103                        | 2010 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2012 | 49                         | 2010 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 10              | POUNDS         | GENERATED           | 2012 | 21                         | 2007 |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| P030          | Cyanides (soluble cyanide salts), not otherwise specified             |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2012 | 5                          | 2011 |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| P098          | Potassium cyanide K(CN)                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 11              | POUNDS         | GENERATED           | 2012 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| P105          | Sodium azide                                                          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2012 |                            |      |
| D004          | Arsenic                                                               |                 |                |                     |      |                            |      |
| D009          | Mercury                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 22              | POUNDS         | GENERATED           | 2012 | 76                         | 2010 |
| D007          | Chromium                                                              |                 |                |                     |      |                            |      |
| D009          | Mercury                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1600            | POUNDS         | GENERATED           | 2012 | 6800                       | 2007 |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 220             | POUNDS         | GENERATED           | 2012 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 6400            | POUNDS         | GENERATED           | 2012 | 16400                      | 2008 |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 22              | POUNDS         | GENERATED           | 2012 | 32                         | 2006 |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                   |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2012 | 95                         | 2008 |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2012 |                            |      |
| P048                                                                  | 2,4-Dinitrophenol                                            |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2012 | 23                         | 2008 |
| U134                                                                  | Hydrogen fluoride (C,T)                                      |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 16              | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2012 | 6                          | 2008 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| P030                                                                  | Cyanides (soluble cyanide salts), not otherwise specified    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2012 | 38                         | 2007 |
| U123                                                                  | Formic acid (C,T)                                            |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 13              | POUNDS         | GENERATED           | 2012 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ---

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 88              | POUNDS         | GENERATED           | 2012 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U136                                                                  | Cacodylic acid                                               |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 21              | POUNDS         | GENERATED           | 2012 |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 64              | POUNDS         | GENERATED           | 2012 |                            |      |
| U136                                                                  | Cacodylic acid                                               |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                     | 240             | POUNDS         | GENERATED           | 2011 |                            |      |
| U200                                                                  | Yohimban-16-carboxylic acid                                  | 5               | POUNDS         | GENERATED           | 2011 |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 5               | POUNDS         | GENERATED           | 2011 | 50                         | 2010 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 142             | POUNDS         | GENERATED           | 2011 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 45              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 35              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |



NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D038                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 35              | POUNDS         | GENERATED           | 2011 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 60              | POUNDS         | GENERATED           | 2011 | 290                        | 2009 |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 6               | POUNDS         | GENERATED           | 2011 |                            |      |
| P003                                                                  | Acrolein                                                     |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 817             | POUNDS         | GENERATED           | 2011 |                            |      |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                   |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 37              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 6               | POUNDS         | GENERATED           | 2011 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 25              | POUNDS         | GENERATED           | 2011 | 30                         | 2009 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2011 |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2011 |                            |      |
| U153                                                                  | Thiomethanol (I,T)                                           |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2011 |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 600             | POUNDS         | GENERATED           | 2011 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U170                                                                  | p-Nitrophenol                                                |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                  |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 34              | POUNDS         | GENERATED           | 2011 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U163                                                                  | Guanidine, N-methyl-N-nitro-N-nitroso-                       |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2011 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| P115                                                                  | Sulfuric acid, dithallium(1+) salt                           |                 |                |                     |      |                            |      |
| P105                                                                  | Sodium azide                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 40              | POUNDS         | GENERATED           | 2011 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U220                                                                  | Toluene                                                      |                 |                |                     |      |                            |      |
| U003                                                                  | Acetonitrile (I,T)                                           |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2011 |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U117                                                                  | Ethyl ether (I)                                              |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 5               | POUNDS         | GENERATED           | 2011 |                            |      |
| P042                                                                  | Epinephrine                                                  |                 |                |                     |      |                            |      |
| P105                                                                  | Sodium azide                                                 |                 |                |                     |      |                            |      |
| P087                                                                  | Osmium oxide OsO4, (T-4)-                                    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 20              | POUNDS         | GENERATED           | 2011 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U119                                                                  | Methanesulfonic acid, ethyl ester                            |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                  |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 220             | POUNDS         | GENERATED           | 2011 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U236                                                                  | Trypan blue                                                  |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                     |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2011 |                            |      |
| U039                                                                  | Phenol, 4-chloro-3-methyl-                                   |                 |                |                     |      |                            |      |
| U144                                                                  | Acetic acid, lead(2+) salt                                   |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2011 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U076                                                                  | Ethane, 1,1-dichloro-                                        |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2011 |                            |      |
| U217                                                                  | Thallium (I) nitrate                                         |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ----

| WASTE CODE                                                            | WASTE DESCRIPTION                                                                | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR | HISTORIC MAXIMUM AMOUNT | YEAR |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------|-------------|------------------|------|-------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                                  | 162          | POUNDS      | GENERATED        | 2011 |                         |      |
| U010                                                                  | Mitomycin C                                                                      |              |             |                  |      |                         |      |
| U122                                                                  | Formaldehyde                                                                     |              |             |                  |      |                         |      |
| U238                                                                  | Carbamic acid, ethyl ester                                                       |              |             |                  |      |                         |      |
| U044                                                                  | Methane, trichloro-                                                              |              |             |                  |      |                         |      |
| U236                                                                  | Trypan blue                                                                      |              |             |                  |      |                         |      |
| D011                                                                  | Silver                                                                           | 70           | POUNDS      | GENERATED        | 2010 | 7450                    | 1996 |
| P008                                                                  | 4-Aminopyridine                                                                  | 1            | POUNDS      | GENERATED        | 2010 | 10                      | 1993 |
| P108                                                                  | Strychnine, & salts                                                              | 1            | POUNDS      | GENERATED        | 2010 | 46                      | 2001 |
| P116                                                                  | Hydrazinecarbothioamide                                                          | 1            | POUNDS      | GENERATED        | 2010 |                         |      |
| P204                                                                  | Physostigmine (OR) Pyrrolo 2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1, 3a,8-tri | 10           | POUNDS      | GENERATED        | 2010 |                         |      |
| U075                                                                  | Dichlorodifluoromethane                                                          | 4            | POUNDS      | GENERATED        | 2010 | 10                      | 2002 |
| U122                                                                  | Formaldehyde                                                                     | 20           | POUNDS      | GENERATED        | 2010 | 396                     | 1997 |
| U134                                                                  | Hydrogen fluoride (C,T)                                                          | 30           | POUNDS      | GENERATED        | 2010 | 54                      | 2000 |
| U138                                                                  | Methane, iodo-                                                                   | 1            | POUNDS      | GENERATED        | 2010 | 120                     | 1993 |
| More than one waste code was reported for the following waste amount: |                                                                                  | 9            | POUNDS      | GENERATED        | 2010 | 17                      | 2009 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |              |             |                  |      |                         |      |
| D007                                                                  | Chromium                                                                         |              |             |                  |      |                         |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 16           | POUNDS      | GENERATED        | 2010 |                         |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                      |              |             |                  |      |                         |      |
| D011                                                                  | Silver                                                                           |              |             |                  |      |                         |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 15           | POUNDS      | GENERATED        | 2010 | 28                      | 2007 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                       |              |             |                  |      |                         |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |              |             |                  |      |                         |      |
| F003                                                                  | Spent non-halogenated solvents                                                   |              |             |                  |      |                         |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                      |              |             |                  |      |                         |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 15           | POUNDS      | GENERATED        | 2010 | 20                      | 2009 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                       |              |             |                  |      |                         |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                      |              |             |                  |      |                         |      |
| D011                                                                  | Silver                                                                           |              |             |                  |      |                         |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |              |             |                  |      |                         |      |
| D007                                                                  | Chromium                                                                         |              |             |                  |      |                         |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 30           | POUNDS      | GENERATED        | 2010 |                         |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                       |              |             |                  |      |                         |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 4               | POUNDS         | GENERATED           | 2010 | 9                          | 2007 |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| U246          | Cyanogen bromide (CN)Br                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2010 |                            |      |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
| D009          | Mercury                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 240             | POUNDS         | GENERATED           | 2010 |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 2               | POUNDS         | GENERATED           | 2010 | 2                          | 2007 |
| U103          | Dimethyl sulfate                                                      |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2010 | 154                        | 2007 |
| U122          | Formaldehyde                                                          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 150             | POUNDS         | GENERATED           | 2010 | 241                        | 2007 |
| U122          | Formaldehyde                                                          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 10              | POUNDS         | GENERATED           | 2010 | 30                         | 2009 |
| U133          | Hydrazine (R,T)                                                       |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U165          | Naphthalene                                                           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U133          | Hydrazine (R,T)                                                       |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2010 |                            |      |
| P014          | Thiophenol                                                            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2010 | 66                         | 2008 |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| P075          | Nicotine, & salts                                                     |                 |                |                     |      |                            |      |
| P105          | Sodium azide                                                          |                 |                |                     |      |                            |      |
| P008          | 4-Aminopyridine                                                       |                 |                |                     |      |                            |      |
| P087          | Osmium oxide OsO4, (T-4)-                                             |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| P105          | Sodium azide                                                          |                 |                |                     |      |                            |      |
| P042          | Epinephrine                                                           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 10              | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| U036          | Chlordane, alpha & gamma isomers                                      |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U001          | Ethanal (I)                                                           |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U008          | Acrylic acid (l)                                                      |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| U176          | N-Nitroso-N-ethylurea                                                 |                 |                |                     |      |                            |      |
| U206          | Streptozotocin                                                        |                 |                |                     |      |                            |      |
| U069          | 1,2-Benzenedicarboxylic acid, dibutyl ester                           |                 |                |                     |      |                            |      |
| U200          | Yohimban-16-carboxylic acid                                           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 20              | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| U196          | Pyridine                                                              |                 |                |                     |      |                            |      |
| U404          | Ethanamine, N,N-diethyl (OR) Triethylamine                            |                 |                |                     |      |                            |      |
| U019          | Benzene (l,T)                                                         |                 |                |                     |      |                            |      |
| U213          | Tetrahydrofuran (l)                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| U404          | Ethanamine, N,N-diethyl (OR) Triethylamine                            |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| U076          | Ethane, 1,1-dichloro-                                                 |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
| U404          | Ethanamine, N,N-diethyl (OR) Triethylamine                            |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U220          | Toluene                                                               |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U404          | Ethanamine, N,N-diethyl (OR) Triethylamine                            |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U196                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 25              | POUNDS         | GENERATED           | 2010 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U012                                                                  | Benzenamine (I,T)                                            |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| U012                                                                  | Benzenamine (I,T)                                            |                 |                |                     |      |                            |      |
| U136                                                                  | Cacodylic acid                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U219                                                                  | Thiourea                                                     |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                  |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U138                                                                  | Methane, iodo-                                               |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |



NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION       | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|----------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U170                                                                  | p-Nitrophenol              |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                 |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-        |                 |                |                     |      |                            |      |
| U236                                                                  | Trypan blue                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                            | 60              | POUNDS         | GENERATED           | 2010 |                            |      |
| U007                                                                  | 2-Propenamide              |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                     |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                    |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-        |                 |                |                     |      |                            |      |
| U236                                                                  | Trypan blue                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                            | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U007                                                                  | 2-Propenamide              |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                 |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-        |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                            | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U007                                                                  | 2-Propenamide              |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                 |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-        |                 |                |                     |      |                            |      |
| U201                                                                  | 1,3-Benzenediol            |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                            | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U007                                                                  | 2-Propenamide              |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                 |                 |                |                     |      |                            |      |
| U144                                                                  | Acetic acid, lead(2+) salt |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                            | 25              | POUNDS         | GENERATED           | 2010 |                            |      |
| U044                                                                  | Methane, trichloro-        |                 |                |                     |      |                            |      |
| U236                                                                  | Trypan blue                |                 |                |                     |      |                            |      |
| U132                                                                  | Phenol                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                 |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U133                                                                  | Hydrazine (R,T)                                              |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 15              | POUNDS         | GENERATED           | 2010 |                            |      |
| U165                                                                  | Naphthalene                                                  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U238                                                                  | Carbamic acid, ethyl ester                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U187                                                                  | Phenacetin                                                   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| U219                                                                  | Thiourea                                                     |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 10              | POUNDS         | GENERATED           | 2010 |                            |      |
| U196                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                   |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U204                                                                  | Selenium dioxide                                             |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                     |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 10              | POUNDS         | GENERATED           | 2010 |                            |      |
| U216                                                                  | Thallium(I) chloride                                         |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 2               | POUNDS         | GENERATED           | 2010 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| P105                                                                  | Sodium azide                                                 |                 |                |                     |      |                            |      |
| P075                                                                  | Nicotine, & salts                                            |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 23              | POUNDS         | GENERATED           | 2010 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U220                                                                  | Toluene                                                      |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                   |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                      | 18              | POUNDS         | GENERATED           | 2009 | 1062                       | 1997 |
| P093                                                                  | Phenylthiourea                                               | 1               | POUNDS         | GENERATED           | 2009 |                            |      |
| U021                                                                  | Benzidine                                                    | 1               | POUNDS         | GENERATED           | 2009 | 1424                       | 1991 |
| U136                                                                  | Cacodylic acid                                               | 1               | POUNDS         | GENERATED           | 2009 | 95                         | 2001 |
| U238                                                                  | Carbamic acid, ethyl ester                                   | 1               | POUNDS         | GENERATED           | 2009 | 70                         | 1997 |
| More than one waste code was reported for the following waste amount: |                                                              | 22              | POUNDS         | GENERATED           | 2009 | 22                         | 2006 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2009 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U133                                                                  | Hydrazine (R,T)                                              |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 12              | POUNDS         | GENERATED           | 2009 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U117          | Ethyl ether (l)                                                       |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 5               | POUNDS         | GENERATED           | 2009 | 9                          | 2007 |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                              |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 22              | POUNDS         | GENERATED           | 2009 | 63                         | 2006 |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 28              | POUNDS         | GENERATED           | 2009 | 164                        | 2007 |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 34              | POUNDS         | GENERATED           | 2009 |                            |      |
| U080          | Methane, dichloro-                                                    |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 50              | POUNDS         | GENERATED           | 2009 |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U008          | Acrylic acid (l)                                                      |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ---

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 20              | POUNDS         | GENERATED           | 2009 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U080                                                                  | Methane, dichloro-                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 4               | POUNDS         | GENERATED           | 2009 |                            |      |
| U115                                                                  | Ethylene oxide (I,T)                                         |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| U019                                                                  | Benzene (I,T)                                                |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                      |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2009 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D030                                                                  | 2,4-Dinitrotoluene                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2009 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| P042                                                                  | Epinephrine                                                  |                 |                |                     |      |                            |      |
| P105                                                                  | Sodium azide                                                 |                 |                |                     |      |                            |      |
| P010                                                                  | Arsenic acid H3AsO4                                          |                 |                |                     |      |                            |      |
| P087                                                                  | Osmium oxide OsO4, (T-4)-                                    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2009 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| P105                                                                  | Sodium azide                                                 |                 |                |                     |      |                            |      |
| P087                                                                  | Osmium oxide OsO4, (T-4)-                                    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U147                                                                  | 2,5-Furandione                                               |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U123                                                                  | Formic acid (C,T)                                            |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 20              | POUNDS         | GENERATED           | 2009 |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U069          | 1,2-Benzenedicarboxylic acid, dibutyl ester                           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U002          | Acetone (l)                                                           |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U001          | Ethanal (l)                                                           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| U078          | Ethene, 1,1-dichloro-                                                 |                 |                |                     |      |                            |      |
| U359          | Ethanol, 2-ethoxy-                                                    |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U220          | Toluene                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                           |                 |                |                     |      |                            |      |
| U138          | Methane, iodo-                                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                           |                 |                |                     |      |                            |      |
| U144          | Acetic acid, lead(2+) salt                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| D004          | Arsenic                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U236                                                                  | Trypan blue                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| U011                                                                  | 1H-1,2,4-Triazol-3-amine                                     |                 |                |                     |      |                            |      |
| U206                                                                  | Streptozotocin                                               |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| U069                                                                  | 1,2-Benzenedicarboxylic acid, dibutyl ester                  |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 4               | POUNDS         | GENERATED           | 2009 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| P087                                                                  | Osmium oxide OsO4, (T-4)-                                    |                 |                |                     |      |                            |      |
| P042                                                                  | Epinephrine                                                  |                 |                |                     |      |                            |      |
| P105                                                                  | Sodium azide                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                      |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| U011                                                                  | 1H-1,2,4-Triazol-3-amine                                     |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U136                                                                  | Cacodylic acid                                               |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       | 21              | POUNDS         | GENERATED           | 2008 | 276                        | 1999 |
| P042                                                                  | Epinephrine                                                  | 1               | POUNDS         | GENERATED           | 2008 | 95                         | 2001 |
| P075                                                                  | Nicotine, & salts                                            | 1               | POUNDS         | GENERATED           | 2008 | 60                         | 1994 |
| P105                                                                  | Sodium azide                                                 | 4               | POUNDS         | GENERATED           | 2008 | 449                        | 2001 |
| U007                                                                  | 2-Propenamide                                                | 40              | POUNDS         | GENERATED           | 2008 | 1409                       | 2003 |
| More than one waste code was reported for the following waste amount: |                                                              | 22              | POUNDS         | GENERATED           | 2008 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |



## NYS DEC Manifested Waste Transactions for NYD071037113 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 5               | POUNDS         | GENERATED           | 2008 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| P106                                                                  | Sodium cyanide Na(CN)                                        |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 26              | POUNDS         | GENERATED           | 2008 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 25              | POUNDS         | GENERATED           | 2008 | 400                        | 2006 |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 10              | POUNDS         | GENERATED           | 2008 |                            |      |
| U002                                                                  | Acetone (I)                                                  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2008 |                            |      |
| U117                                                                  | Ethyl ether (I)                                              |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 9               | POUNDS         | GENERATED           | 2008 | 13                         | 2007 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U163                                                                  | Guanidine, N-methyl-N-nitro-N-nitroso-                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2008 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| P030                                                                  | Cyanides (soluble cyanide salts), not otherwise specified    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2008 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                   |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 26              | POUNDS         | GENERATED           | 2008 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U220                                                                  | Toluene                                                      |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U004                                                                  | Ethanone, 1-phenyl-                                          |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 22              | POUNDS         | GENERATED           | 2008 |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U220                                                                  | Toluene                                                      |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2008 |                            |      |
| P087                                                                  | Osmium oxide OsO <sub>4</sub> , (T-4)-                       |                 |                |                     |      |                            |      |
| P105                                                                  | Sodium azide                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 3               | POUNDS         | GENERATED           | 2008 |                            |      |
| P092                                                                  | Mercury, (acetato-O)phenyl-                                  |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 27              | POUNDS         | GENERATED           | 2008 |                            |      |
| U004                                                                  | Ethanone, 1-phenyl-                                          |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 19              | POUNDS         | GENERATED           | 2008 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 23              | POUNDS         | GENERATED           | 2008 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                  |                 |                |                     |      |                            |      |
| U236                                                                  | Trypan blue                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 29              | POUNDS         | GENERATED           | 2008 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ---

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 33              | POUNDS         | GENERATED           | 2008 |                            |      |
| U119                                                                  | Methanesulfonic acid, ethyl ester                            |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 19              | POUNDS         | GENERATED           | 2008 |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U123                                                                  | Formic acid (C,T)                                            |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 4               | POUNDS         | GENERATED           | 2008 |                            |      |
| U238                                                                  | Carbamic acid, ethyl ester                                   |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2008 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                     |                 |                |                     |      |                            |      |
| P030                                                                  | Cyanides (soluble cyanide salts), not otherwise specified    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 5               | POUNDS         | GENERATED           | 2008 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| P104                                                                  | Silver cyanide                                               |                 |                |                     |      |                            |      |
| P030                                                                  | Cyanides (soluble cyanide salts), not otherwise specified    |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 28              | POUNDS         | GENERATED           | 2008 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U108                                                                  | 1,4-Diethyleneoxide                                          |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| U011                                                                  | 1H-1,2,4-Triazol-3-amine                                     |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 5               | POUNDS         | GENERATED           | 2008 |                            |      |
| D006                                                                  | Cadmium                                                      |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2008 |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U003                                                                  | Acetonitrile (I,T)                                           |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2008 |                            |      |
| P042                                                                  | Epinephrine                                                  |                 |                |                     |      |                            |      |
| P043                                                                  | Phosphorofluoridic acid, bis(1-methylethyl) ester            |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 26              | POUNDS         | GENERATED           | 2008 |                            |      |
| U002                                                                  | Acetone (I)                                                  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                   |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 25              | POUNDS         | GENERATED           | 2008 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U015                                                                  | L-Serine, diazoacetate (ester)                               |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                    |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                  |                 |                |                     |      |                            |      |
| U119                                                                  | Methanesulfonic acid, ethyl ester                            |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 25              | POUNDS         | GENERATED           | 2008 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                  |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 25              | POUNDS         | GENERATED           | 2008 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U170                                                                  | p-Nitrophenol                                                |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2008 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 26              | POUNDS         | GENERATED           | 2008 |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| U214                                                                  | Thallium (i) acetate                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 25              | POUNDS         | GENERATED           | 2008 |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U136                                                                  | Cacodylic acid                                               |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| U119                                                                  | Methanesulfonic acid, ethyl ester                            |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 26              | POUNDS         | GENERATED           | 2008 |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U236                                                                  | Trypan blue                                                  |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| U061                                                                  | DDT                                                          |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2008 |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U123                                                                  | Formic acid (C,T)                                            |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 5               | POUNDS         | GENERATED           | 2008 |                            |      |
| U151                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 26              | POUNDS         | GENERATED           | 2008 |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 15              | POUNDS         | GENERATED           | 2008 |                            |      |
| U217                                                                  | Thallium (I) nitrate                                         |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      | 18              | POUNDS         | GENERATED           | 2007 | 280                        | 1993 |
| D007                                                                  | Chromium                                                     | 1               | POUNDS         | GENERATED           | 2007 | 203                        | 2001 |
| D037                                                                  | Pentachlorophenol                                            | 3               | POUNDS         | GENERATED           | 2007 |                            |      |
| P018                                                                  | Brucine                                                      | 1               | POUNDS         | GENERATED           | 2007 |                            |      |
| P058                                                                  | Fluoroacetic acid, sodium salt                               | 1               | POUNDS         | GENERATED           | 2007 | 5                          | 2004 |
| P106                                                                  | Sodium cyanide Na(CN)                                        | 1               | POUNDS         | GENERATED           | 2007 | 164                        | 1988 |
| U048                                                                  | o-Chlorophenol                                               | 1               | POUNDS         | GENERATED           | 2007 | 40                         | 1996 |
| U080                                                                  | Methane, dichloro-                                           | 28              | POUNDS         | GENERATED           | 2007 | 2280                       | 1985 |
| U170                                                                  | p-Nitrophenol                                                | 2               | POUNDS         | GENERATED           | 2007 | 54                         | 2001 |
| U188                                                                  | Phenol                                                       | 15              | POUNDS         | GENERATED           | 2007 | 1660                       | 1987 |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2007 | 2                          | 2006 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 122             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 3               | POUNDS         | GENERATED           | 2007 | 26                         | 2006 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 27              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 4               | POUNDS         | GENERATED           | 2007 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 2               | POUNDS         | GENERATED           | 2007 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U103                                                                  | Dimethyl sulfate                                             |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 11              | POUNDS         | GENERATED           | 2007 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 49              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U177                                                                  | Urea, N-methyl-N-nitroso-                                    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 6               | POUNDS         | GENERATED           | 2007 | 20                         | 2006 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U006                                                                  | Acetyl chloride (C,R,T)                                      |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 27              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U147                                                                  | 2,5-Furandione                                               |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 5               | POUNDS         | GENERATED           | 2007 |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 7               | POUNDS         | GENERATED           | 2007 |                            |      |
| D006                                                                  | Cadmium                                                      |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 18              | POUNDS         | GENERATED           | 2007 |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 6               | POUNDS         | GENERATED           | 2007 |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U162                                                                  | 2-Propenoic acid, 2-methyl-, methyl ester (I,T)              |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 5               | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 41              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 4               | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U117                                                                  | Ethyl ether (I)                                              |                 |                |                     |      |                            |      |
| U213                                                                  | Tetrahydrofuran (I)                                          |                 |                |                     |      |                            |      |



## NYS DEC Manifested Waste Transactions for NYD071037113 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 25              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D039                                                                  | Tetrachloroethylene                                          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| P112                                                                  | Methane, tetranitro- (R)                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 26              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U162                                                                  | 2-Propenoic acid, 2-methyl-, methyl ester (I,T)              |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 6               | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 60              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U108                                                                  | 1,4-Diethyleneoxide                                          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 18              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U078                                                                  | Ethene, 1,1-dichloro-                                        |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U003                                                                  | Acetonitrile (I,T)                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 28              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U001                                                                  | Ethanal (I)                                                  |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| U019                                                                  | Benzene (I,T)                                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 24              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                   |                 |                |                     |      |                            |      |
| U009                                                                  | 2-Propenenitrile                                                             |                 |                |                     |      |                            |      |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (I)                                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 34              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                   |                 |                |                     |      |                            |      |
| U052                                                                  | Phenol, methyl-                                                              |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                                         |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                          |                 |                |                     |      |                            |      |
| U236                                                                  | Trypan blue                                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 31              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                   |                 |                |                     |      |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                                      |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                                |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 22              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                   |                 |                |                     |      |                            |      |
| U061                                                                  | DDT                                                                          |                 |                |                     |      |                            |      |
| U235                                                                  | Tris(2,3-dibromopropyl) phosphate                                            |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 36              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                   |                 |                |                     |      |                            |      |
| U080                                                                  | Methane, dichloro-                                                           |                 |                |                     |      |                            |      |
| U211                                                                  | Carbon tetrachloride                                                         |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                          |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                                       |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 17              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U144                                                                  | Acetic acid, lead(2+) salt                                   |                 |                |                     |      |                            |      |
| U228                                                                  | Ethene, trichloro-                                           |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 21              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U238                                                                  | Carbamic acid, ethyl ester                                   |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| U202                                                                  | 1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts           |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 11              | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U239                                                                  | Xylene (I)                                                   |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U004                                                                  | Ethanone, 1-phenyl-                                          |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 18              | POUNDS         | GENERATED           | 2007 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 71              | POUNDS         | GENERATED           | 2007 |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D025                                                                  | p-Cresol                                                     |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 22              | POUNDS         | GENERATED           | 2007 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D035                                                                  | Methyl ethyl ketone                                          |                 |                |                     |      |                            |      |
| U162                                                                  | 2-Propenoic acid, 2-methyl-, methyl ester (I,T)              |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 18              | POUNDS         | GENERATED           | 2007 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U162                                                                  | 2-Propenoic acid, 2-methyl-, methyl ester (I,T)              |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 19              | POUNDS         | GENERATED           | 2007 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U117                                                                  | Ethyl ether (I)                                              |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 28              | POUNDS         | GENERATED           | 2007 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U196                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U117                                                                  | Ethyl ether (I)                                              |                 |                |                     |      |                            |      |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 19              | POUNDS         | GENERATED           | 2007 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U213                                                                  | Tetrahydrofuran (I)                                          |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U037                                                                  | Benzene, chloro-                                             |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 400             | POUNDS         | GENERATED           | 2007 |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 7               | POUNDS         | GENERATED           | 2007 |                            |      |
| P022                                                                  | Carbon disulfide                                             |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 28              | POUNDS         | GENERATED           | 2007 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 27              | POUNDS         | GENERATED           | 2007 |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| U080          | Methane, dichloro-                                                    |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 41              | POUNDS         | GENERATED           | 2007 |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| U080          | Methane, dichloro-                                                    |                 |                |                     |      |                            |      |
| U211          | Carbon tetrachloride                                                  |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                           |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 32              | POUNDS         | GENERATED           | 2007 |                            |      |
| U010          | Mitomycin C                                                           |                 |                |                     |      |                            |      |
| U080          | Methane, dichloro-                                                    |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 12              | POUNDS         | GENERATED           | 2007 |                            |      |
| U011          | 1H-1,2,4-Triazol-3-amine                                              |                 |                |                     |      |                            |      |
| U206          | Streptozotocin                                                        |                 |                |                     |      |                            |      |
| U069          | 1,2-Benzenedicarboxylic acid, dibutyl ester                           |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 31              | POUNDS         | GENERATED           | 2007 |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| D004          | Arsenic                                                               |                 |                |                     |      |                            |      |
| U136          | Cacodylic acid                                                        |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 60              | POUNDS         | GENERATED           | 2007 |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| U210          | Ethene, tetrachloro-                                                  |                 |                |                     |      |                            |      |
| D039          | Tetrachloroethylene                                                   |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 18              | POUNDS         | GENERATED           | 2007 |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U211                                                                  | Carbon tetrachloride                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| D019                                                                  | Carbon Tetrachloride                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 27              | POUNDS         | GENERATED           | 2007 |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U236                                                                  | Trypan blue                                                  |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 32              | POUNDS         | GENERATED           | 2007 |                            |      |
| U077                                                                  | Ethane, 1,2-dichloro-                                        |                 |                |                     |      |                            |      |
| U359                                                                  | Ethanol, 2-ethoxy-                                           |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U162                                                                  | 2-Propenoic acid, 2-methyl-, methyl ester (I,T)              |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 25              | POUNDS         | GENERATED           | 2007 |                            |      |
| U080                                                                  | Methane, dichloro-                                           |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 2               | POUNDS         | GENERATED           | 2007 |                            |      |
| U085                                                                  | 2,2-Bioxirane                                                |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 2               | POUNDS         | GENERATED           | 2007 |                            |      |
| U119                                                                  | Methanesulfonic acid, ethyl ester                            |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| U206                                                                  | Streptozotocin                                               |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 23              | POUNDS         | GENERATED           | 2007 |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D002          | Solid waste that exhibits the characteristic of corrosivity                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:         | 29              | POUNDS         | GENERATED           | 2007 |                            |      |
| U144          | Acetic acid, lead(2+) salt                                                    |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                  |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                                    |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                        |                 |                |                     |      |                            |      |
| D008          | Lead                                                                          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:         | 24              | POUNDS         | GENERATED           | 2007 |                            |      |
| U182          | 1,3,5-Trioxane, 2,4,6-trimethyl-                                              |                 |                |                     |      |                            |      |
| D011          | Silver                                                                        |                 |                |                     |      |                            |      |
| D007          | Chromium                                                                      |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:         | 15              | POUNDS         | GENERATED           | 2007 |                            |      |
| U196          | Pyridine                                                                      |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                                      |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:         | 18              | POUNDS         | GENERATED           | 2007 |                            |      |
| U211          | Carbon tetrachloride                                                          |                 |                |                     |      |                            |      |
| D019          | Carbon Tetrachloride                                                          |                 |                |                     |      |                            |      |
| D010          | Selenium                                                                      |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                                    |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:         | 4               | POUNDS         | GENERATED           | 2007 |                            |      |
| U238          | Carbamic acid, ethyl ester                                                    |                 |                |                     |      |                            |      |
| D008          | Lead                                                                          |                 |                |                     |      |                            |      |
| D007          | Chromium                                                                      |                 |                |                     |      |                            |      |
| D011          | Silver                                                                        |                 |                |                     |      |                            |      |
| B004          | PCB Articles containing 50 ppm or greater of PCBs but less than 500 ppm PCBs. | 66              | KILOGRAMS      | GENERATED           | 2006 | 157                        | 2004 |
| F002          | Spent halogenated solvents                                                    | 3140            | POUNDS         | GENERATED           | 2006 | 9260                       | 1994 |
| F003          | Spent non-halogenated solvents                                                | 9233            | POUNDS         | GENERATED           | 2006 | 15102                      | 1996 |
| F027          | Discarded unused formulations                                                 | 8               | POUNDS         | GENERATED           | 2006 | 10                         | 1995 |
| P014          | Thiophenol                                                                    | 11              | POUNDS         | GENERATED           | 2006 | 114                        | 2001 |
| P022          | Carbon disulfide                                                              | 6               | POUNDS         | GENERATED           | 2006 | 185                        | 1998 |
| P030          | Cyanides (soluble cyanide salts), not otherwise specified                     | 24              | POUNDS         | GENERATED           | 2006 | 193                        | 1991 |
| P088          | Endothall                                                                     | 7               | POUNDS         | GENERATED           | 2006 |                            |      |
| P098          | Potassium cyanide K(CN)                                                       | 8               | POUNDS         | GENERATED           | 2006 | 500                        | 1987 |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ---

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| P119                                                                  | Ammonium vanadate                                            | 1               | POUNDS         | GENERATED           | 2006 |                            |      |
| U019                                                                  | Benzene (I,T)                                                | 62              | POUNDS         | GENERATED           | 2006 |                            |      |
| U067                                                                  | Ethane, 1,2-dibromo-                                         | 6               | POUNDS         | GENERATED           | 2006 | 230                        | 1994 |
| U103                                                                  | Dimethyl sulfate                                             | 6               | POUNDS         | GENERATED           | 2006 | 401                        | 2000 |
| U123                                                                  | Formic acid (C,T)                                            | 328             | POUNDS         | GENERATED           | 2006 | 528                        | 2001 |
| U133                                                                  | Hydrazine (R,T)                                              | 14              | POUNDS         | GENERATED           | 2006 | 264                        | 2001 |
| U135                                                                  | Hydrogen sulfide H2S                                         | 6               | POUNDS         | GENERATED           | 2006 | 10                         | 1993 |
| U146                                                                  | Lead subacetate                                              | 44              | POUNDS         | GENERATED           | 2006 |                            |      |
| U162                                                                  | 2-Propenoic acid, 2-methyl-, methyl ester (I,T)              | 40              | POUNDS         | GENERATED           | 2006 | 160                        | 2005 |
| U211                                                                  | Carbon tetrachloride                                         | 215             | POUNDS         | GENERATED           | 2006 |                            |      |
| U246                                                                  | Cyanogen bromide (CN)Br                                      | 13              | POUNDS         | GENERATED           | 2006 | 175                        | 2001 |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                   | 49              | POUNDS         | GENERATED           | 2006 | 60                         | 2001 |
| More than one waste code was reported for the following waste amount: |                                                              | 5               | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U006                                                                  | Acetyl chloride (C,R,T)                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 97              | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1395            | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D019                                                                  | Carbon Tetrachloride                                         |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 480             | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |



NYS DEC Manifested Waste Transactions for NYD071037113 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 3400            | POUNDS         | GENERATED           | 2006 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 19              | POUNDS         | GENERATED           | 2006 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| D007          | Chromium                                                                     |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 30              | POUNDS         | GENERATED           | 2006 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity                   |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                       |                 |                |                     |      |                            |      |
| U007          | 2-Propenamide                                                                |                 |                |                     |      |                            |      |
| U197          | p-Benzoquinone                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 47              | POUNDS         | GENERATED           | 2006 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity                   |                 |                |                     |      |                            |      |
| U328          | o-Toluidine                                                                  |                 |                |                     |      |                            |      |
| U058          | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 18              | POUNDS         | GENERATED           | 2006 |                            |      |
| D004          | Arsenic                                                                      |                 |                |                     |      |                            |      |
| D005          | Barium                                                                       |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 21              | POUNDS         | GENERATED           | 2006 |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                                     |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 32              | POUNDS         | GENERATED           | 2006 |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| U117          | Ethyl ether (I)                                                              |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ---

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                               | 31              | POUNDS         | GENERATED           | 2006 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                                |                 |                |                     |      |                            |      |
| U213                                                                  | Tetrahydrofuran (I)                                                           |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                   |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                                                |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                               | 44              | POUNDS         | GENERATED           | 2006 |                            |      |
| U044                                                                  | Methane, trichloro-                                                           |                 |                |                     |      |                            |      |
| U189                                                                  | Phosphorus sulfide (R)                                                        |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                                          |                 |                |                     |      |                            |      |
| U135                                                                  | Hydrogen sulfide H2S                                                          |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                               | 10              | POUNDS         | GENERATED           | 2006 |                            |      |
| U119                                                                  | Methanesulfonic acid, ethyl ester                                             |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                        |                 |                |                     |      |                            |      |
| U206                                                                  | Streptozotocin                                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                               | 112             | POUNDS         | GENERATED           | 2006 |                            |      |
| U211                                                                  | Carbon tetrachloride                                                          |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                           |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                                 |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                                        |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                    |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                                          |                 |                |                     |      |                            |      |
| B007                                                                  | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 55              | KILOGRAMS      | GENERATED           | 2005 |                            |      |
| P003                                                                  | Acrolein                                                                      | 151             | POUNDS         | GENERATED           | 2005 | 200                        | 1992 |
| P048                                                                  | 2,4-Dinitrophenol                                                             | 5               | POUNDS         | GENERATED           | 2005 | 366                        | 1998 |
| U001                                                                  | Ethanal (I)                                                                   | 70              | POUNDS         | GENERATED           | 2005 |                            |      |
| U044                                                                  | Methane, trichloro-                                                           | 150             | POUNDS         | GENERATED           | 2005 | 437                        | 2002 |
| U117                                                                  | Ethyl ether (I)                                                               | 12              | POUNDS         | GENERATED           | 2005 | 233                        | 1989 |
| U201                                                                  | 1,3-Benzenediol                                                               | 105             | POUNDS         | GENERATED           | 2005 |                            |      |
| U217                                                                  | Thallium (I) nitrate                                                          | 8               | POUNDS         | GENERATED           | 2005 | 79                         | 2001 |
| F005                                                                  | Spent non-halogenated solvents                                                | 62              | POUNDS         | GENERATED           | 2004 | 2250                       | 2003 |
| P029                                                                  | Copper cyanide                                                                | 1               | POUNDS         | GENERATED           | 2004 |                            |      |
| P077                                                                  | p-Nitroaniline                                                                | 6               | POUNDS         | GENERATED           | 2004 | 114                        | 2001 |
| P089                                                                  | Parathion                                                                     | 51              | POUNDS         | GENERATED           | 2004 |                            |      |
| U008                                                                  | Acrylic acid (I)                                                              | 7               | POUNDS         | GENERATED           | 2004 | 114                        | 2001 |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ---

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U012          | Benzenamine (I,T)                                                             | 6               | POUNDS         | GENERATED           | 2004 | 61                         | 2001 |
| U098          | Hydrazine, 1,1-dimethyl-                                                      | 1               | POUNDS         | GENERATED           | 2004 |                            |      |
| U118          | 2-Propenoic acid, 2-methyl-, ethyl ester                                      | 55              | POUNDS         | GENERATED           | 2004 |                            |      |
| U144          | Acetic acid, lead(2+) salt                                                    | 36              | POUNDS         | GENERATED           | 2004 | 118                        | 2001 |
| U147          | 2,5-Furandione                                                                | 30              | POUNDS         | GENERATED           | 2004 | 40                         | 1996 |
| U228          | Ethene, trichloro-                                                            | 85              | POUNDS         | GENERATED           | 2004 |                            |      |
| U239          | Xylene (I)                                                                    | 5               | POUNDS         | GENERATED           | 2004 | 1087                       | 2002 |
| B004          | PCB Articles containing 50 ppm or greater of PCBs but less than 500 ppm PCBs. | 17              | POUNDS         | GENERATED           | 2003 | 55                         | 2001 |
| U002          | Acetone (I)                                                                   | 1350            | POUNDS         | GENERATED           | 2003 |                            |      |
| U006          | Acetyl chloride (C,R,T)                                                       | 30              | POUNDS         | GENERATED           | 2003 | 135                        | 2001 |
| U092          | Dimethylamine (I)                                                             | 12              | POUNDS         | GENERATED           | 2003 |                            |      |
| U213          | Tetrahydrofuran (I)                                                           | 65              | POUNDS         | GENERATED           | 2003 | 66                         | 2000 |
| P010          | Arsenic acid H3AsO4                                                           | 10              | POUNDS         | GENERATED           | 2002 | 95                         | 2001 |
| U003          | Acetonitrile (I,T)                                                            | 84              | POUNDS         | GENERATED           | 2002 | 440                        | 1985 |
| U052          | Phenol, methyl-                                                               | 142             | POUNDS         | GENERATED           | 2002 |                            |      |
| U247          | Methoxychlor                                                                  | 70              | POUNDS         | GENERATED           | 2002 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                  | 52              | GALLONS        | GENERATED           | 2001 | 1115                       | 1987 |
| D024          | m-Cresol                                                                      | 2               | POUNDS         | GENERATED           | 2001 | 250                        | 1997 |
| D025          | p-Cresol                                                                      | 114             | POUNDS         | GENERATED           | 2001 |                            |      |
| F028          | Residues resulting from incineration or thermal treatment of soil contam.     | 35              | POUNDS         | GENERATED           | 2001 |                            |      |
| P012          | Arsenic oxide As2O3                                                           | 58              | POUNDS         | GENERATED           | 2001 |                            |      |
| P043          | Phosphorofluoridic acid, bis(1-methylethyl) ester                             | 37              | POUNDS         | GENERATED           | 2001 | 180                        | 1993 |
| P064          | Methane, isocyanato-                                                          | 35              | POUNDS         | GENERATED           | 2001 | 51                         | 1999 |
| P095          | Carbonic dichloride                                                           | 5               | POUNDS         | GENERATED           | 2001 |                            |      |
| P097          | Phosphorothioic acid                                                          | 114             | POUNDS         | GENERATED           | 2001 |                            |      |
| P112          | Methane, tetranitro- (R)                                                      | 46              | POUNDS         | GENERATED           | 2001 |                            |      |
| U009          | 2-Propenenitrile                                                              | 109             | POUNDS         | GENERATED           | 2001 |                            |      |
| U028          | Diethylhexyl phthalate                                                        | 40              | POUNDS         | GENERATED           | 2001 |                            |      |
| U029          | Methyl bromide                                                                | 5               | POUNDS         | GENERATED           | 2001 |                            |      |
| U041          | Epichlorohydrin                                                               | 58              | POUNDS         | GENERATED           | 2001 |                            |      |
| U061          | DDT                                                                           | 58              | POUNDS         | GENERATED           | 2001 |                            |      |
| U108          | 1,4-Diethyleneoxide                                                           | 23              | POUNDS         | GENERATED           | 2001 | 80                         | 1993 |
| U125          | Furfural (I)                                                                  | 114             | POUNDS         | GENERATED           | 2001 |                            |      |
| U168          | beta-Naphthylamine                                                            | 114             | POUNDS         | GENERATED           | 2001 |                            |      |
| U196          | Pyridine                                                                      | 30              | POUNDS         | GENERATED           | 2001 | 80                         | 1996 |
| U219          | Thiourea                                                                      | 114             | POUNDS         | GENERATED           | 2001 | 160                        | 1996 |
| U220          | Toluene                                                                       | 46              | POUNDS         | GENERATED           | 2001 |                            |      |
| U234          | Benzene, 1,3,5-trinitro-                                                      | 10              | POUNDS         | GENERATED           | 2001 |                            |      |
| F003          | Spent non-halogenated solvents                                                | 85              | GALLONS        | GENERATED           | 2000 | 660                        | 1991 |
| U010          | Mitomycin C                                                                   | 37              | POUNDS         | GENERATED           | 2000 |                            |      |
| U031          | n-Butyl alcohol (I)                                                           | 50              | POUNDS         | GENERATED           | 2000 | 54                         | 1996 |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ----

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                        | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U185          | Benzene, pentachloronitro-                                  | 66              | POUNDS         | GENERATED           | 2000 |                            |      |
| U359          | Ethanol, 2-ethoxy-                                          | 54              | POUNDS         | GENERATED           | 2000 | 106                        | 1997 |
| U069          | 1,2-Benzenedicarboxylic acid, dibutyl ester                 | 51              | POUNDS         | GENERATED           | 1999 | 54                         | 1997 |
| U163          | Guanidine, N-methyl-N-nitro-N-nitroso-                      | 36              | POUNDS         | GENERATED           | 1999 | 60                         | 1993 |
| U328          | o-Toluidine                                                 | 90              | POUNDS         | GENERATED           | 1999 |                            |      |
| P015          | Beryllium                                                   | 183             | POUNDS         | GENERATED           | 1998 |                            |      |
| U165          | Naphthalene                                                 | 97              | POUNDS         | GENERATED           | 1998 |                            |      |
| P005          | Allyl alcohol                                               | 107             | POUNDS         | GENERATED           | 1997 |                            |      |
| P054          | Ethyleneimine                                               | 1               | POUNDS         | GENERATED           | 1997 |                            |      |
| P092          | Mercury, (acetato-O)phenyl-                                 | 5               | POUNDS         | GENERATED           | 1997 |                            |      |
| U091          | (1,1-Biphenyl)-4,4-diamine, 3,3-dimethoxy-                  | 60              | POUNDS         | GENERATED           | 1997 |                            |      |
| U119          | Methanesulfonic acid, ethyl ester                           | 1               | POUNDS         | GENERATED           | 1997 | 60                         | 1994 |
| U154          | Methyl alcohol (I)                                          | 325             | POUNDS         | GENERATED           | 1997 |                            |      |
| U240          | 2,4-D, salts & esters                                       | 50              | POUNDS         | GENERATED           | 1997 |                            |      |
| U353          | p-Toluidine                                                 | 4               | POUNDS         | GENERATED           | 1997 |                            |      |
| P027          | Propanenitrile, 3-chloro-                                   | 40              | POUNDS         | GENERATED           | 1996 |                            |      |
| P028          | Benzyl chloride                                             | 40              | POUNDS         | GENERATED           | 1996 | 60                         | 1995 |
| P101          | Propanenitrile                                              | 40              | POUNDS         | GENERATED           | 1996 |                            |      |
| P120          | Vanadium oxide V2O5                                         | 40              | POUNDS         | GENERATED           | 1996 |                            |      |
| U004          | Ethanone, 1-phenyl-                                         | 80              | POUNDS         | GENERATED           | 1996 |                            |      |
| U020          | Benzenesulfonyl chloride (C,R)                              | 40              | POUNDS         | GENERATED           | 1996 |                            |      |
| U046          | Methane, chloromethoxy-                                     | 10              | POUNDS         | GENERATED           | 1996 |                            |      |
| U047          | beta-Chloronaphthalene                                      | 40              | POUNDS         | GENERATED           | 1996 |                            |      |
| U055          | Benzene, (1-methylethyl)- (I)                               | 40              | POUNDS         | GENERATED           | 1996 |                            |      |
| U151          | Mercury                                                     | 75              | POUNDS         | GENERATED           | 1996 |                            |      |
| U169          | Benzene, nitro-                                             | 80              | POUNDS         | GENERATED           | 1996 |                            |      |
| U190          | Phthalic anhydride                                          | 80              | POUNDS         | GENERATED           | 1996 |                            |      |
| U191          | 2-Picoline                                                  | 120             | POUNDS         | GENERATED           | 1996 |                            |      |
| U204          | Selenium dioxide                                            | 40              | POUNDS         | GENERATED           | 1996 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity | 69              | GALLONS        | GENERATED           | 1995 | 110                        | 1990 |
| D004          | Arsenic                                                     | 5               | GALLONS        | GENERATED           | 1995 |                            |      |
| F004          | Spent non-halogenated solvents                              | 10              | POUNDS         | GENERATED           | 1995 |                            |      |
| P098          | Potassium cyanide K(CN)                                     | 5               | GALLONS        | GENERATED           | 1995 |                            |      |
| U045          | Methyl chloride (I,T)                                       | 20              | POUNDS         | GENERATED           | 1995 |                            |      |
| U057          | Cyclohexanone (I)                                           | 60              | POUNDS         | GENERATED           | 1995 |                            |      |
| U099          | 1,2-Dimethylhydrazine                                       | 20              | POUNDS         | GENERATED           | 1995 |                            |      |
| U133          | Hydrazine (R,T)                                             | 5               | GALLONS        | GENERATED           | 1995 |                            |      |
| U077          | Ethane, 1,2-dichloro-                                       | 10              | POUNDS         | GENERATED           | 1994 |                            |      |
| U115          | Ethylene oxide (I,T)                                        | 10              | POUNDS         | GENERATED           | 1994 |                            |      |
| F001          | Spent halogenated solvents used in degreasing               | 110             | GALLONS        | GENERATED           | 1993 | 1045                       | 1991 |
| F002          | Spent halogenated solvents                                  | 110             | GALLONS        | GENERATED           | 1993 | 1320                       | 1989 |

## NYS DEC Manifested Waste Transactions for NYD071037113 continued ---

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F005          | Spent non-halogenated solvents                                                   | 6               | GALLONS        | GENERATED           | 1993 |                            |      |
| U131          | Ethane, hexachloro-                                                              | 60              | POUNDS         | GENERATED           | 1993 |                            |      |
| P087          | Osmium oxide OsO <sub>4</sub> , (T-4)-                                           | 24              | GALLONS        | GENERATED           | 1992 |                            |      |
| U021          | Benzidine                                                                        | 16              | GALLONS        | GENERATED           | 1992 |                            |      |
| U037          | Benzene, chloro-                                                                 | 369             | POUNDS         | GENERATED           | 1992 |                            |      |
| U188          | Phenol                                                                           | 30              | GALLONS        | GENERATED           | 1991 |                            |      |
| P002          | Acetamide, N-(aminothioxomethyl)-                                                | 1               | POUNDS         | GENERATED           | 1990 |                            |      |
| F005          | Spent non-halogenated solvents                                                   | 48              | LITERS         | GENERATED           | 1989 | 96                         | 1986 |
| X850          | Unknown waste type.                                                              | 4               | POUNDS         | GENERATED           | 1989 | 102                        | 1988 |
| X900          | Unknown waste type.                                                              | 305             | POUNDS         | GENERATED           | 1989 |                            |      |
| F001          | Spent halogenated solvents used in degreasing                                    | 250             | POUNDS         | GENERATED           | 1988 | 2940                       | 1987 |
| P001          | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present | 250             | POUNDS         | GENERATED           | 1988 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                     | 48              | LITERS         | GENERATED           | 1986 |                            |      |
| U080          | Methane, dichloro-                                                               | 330             | GALLONS        | GENERATED           | 1986 |                            |      |
| U222          | o-Toluidine hydrochloride                                                        | 75              | GALLONS        | GENERATED           | 1986 |                            |      |
| D000          | Unknown waste type.                                                              | 40              | GALLONS        | GENERATED           | 1984 | 5050                       | 1983 |
| D000          | Unknown waste type.                                                              | 1720            | POUNDS         | GENERATED           | 1983 | 5370                       | 1981 |

NOTE: 2012 waste amounts are for 1/1/12 to 8/26/12 only

## Map Identification Number 690



NYSDEC Name:  
NYSDEC Address:

ROCKEFELLER UNIVERSITY  
1230 YORK AVE

NEW YORK, NY 10021

Facility Id: NY0071037113  
TT-Id: 740A-0027-198

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING - LARGE SITE  
Approximate distance from property: 129 feet to the NNW\*

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D009          | Mercury              | 2150            | POUNDS         | GENERATED           | 2000 |                            |      |

**Map Identification Number 691****NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CONSOLIDATED EDISON**

E 67TH ST. &amp; YORK AVE. MH 60023

CON EDISON

YORK AVE &amp; 67TH ST

NEW YORK, NY

NEW YORK, NY 10005

**Facility Id: NYP004160651**

TT-Id: 740A-0064-805

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 140 feet to the NW\*

## ADDRESS CHANGE INFORMATION

Revised street: E 67TH ST / YORK AVE

Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Contact Name: ANTHONY BUDA

Source Type: Emergency

Notification date: None Given

Incinerator:

Transporter:

Contact Phone: 917-440-1809 Contact Info Date: 08/22/2008

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                               | 50              | KILOGRAMS      | GENERATED           | 2008 |                            |      |
| B007                                                                  | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                                          |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                                      |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                                       |                 |                |                     |      |                            |      |

**Map Identification Number 692****NYSDEC Name:**

NYSDEC Address:

**CONSOLIDATED EDISON**

F/O 1241 YORK AVE &amp; N/O 66TH ST

NEW YORK, NY 10065

**Facility Id: NYP004237644**

TT-Id: 740A-0078-928

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 221 feet to the NW

## ADDRESS CHANGE INFORMATION

Revised street: IFO 1241 YORK AVE

Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D008          | Lead                 | 1000            | POUNDS         | GENERATED           | 2011 |                            |      |

## Map Identification Number 693



## NYSDEC Name:

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

## WEILL CORNELL MEDICAL COLLEGE

1300 YORK AVENUE

WEILL CORNELL MEDICAL COLLEGE

1300 YORK AVENUE

NEW YORK, NY 10065

NEW YORK, NY 10065

## Facility Id: NYD020396438

TT-Id: 740A-0031-429

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 292 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: 1300 YORK AVE

Revised zip code: 10021

US EPA RCRA Type: LARGE QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: 09/30/2003

Incinerator:

Transporter:

Contact Name: ERIK TALLEY

Source Type: Annual/Biennial Report update with Notification

Contact Phone: 646-962-7233

Contact Info Date: 02/24/2012

Contact Name: ERIK TALLEY

Source Type: Implementer

Contact Phone: 212-746-6201

Contact Info Date: 01/01/2007

Contact Name: ERIK TALLEY

Source Type: Notification

Contact Phone: 212-646-6201

Contact Info Date: 09/30/2003

Contact Name: JAMES CRANDALL

Source Type: Annual/Biennial Report

Contact Phone: 212-746-6201

Contact Info Date: 02/28/2008

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D001          | Solid waste that exhibits the characteristic of ignitability | 240             | POUNDS         | GENERATED           | 2012 | 16461                      | 1994 |
| D002          | Solid waste that exhibits the characteristic of corrosivity  | 272             | POUNDS         | GENERATED           | 2012 | 9502                       | 2005 |
| D003          | Solid waste that exhibits the characteristic of reactivity   | 16              | POUNDS         | GENERATED           | 2012 | 619                        | 1996 |
| D009          | Mercury                                                      | 4               | POUNDS         | GENERATED           | 2012 | 745                        | 2006 |
| D010          | Selenium                                                     | 1               | POUNDS         | GENERATED           | 2012 | 80                         | 2005 |
| P070          | Propanal                                                     | 10              | POUNDS         | GENERATED           | 2012 |                            |      |
| P075          | Nicotine, & salts                                            | 1               | POUNDS         | GENERATED           | 2012 | 190                        | 1997 |
| P105          | Sodium azide                                                 | 0.44            | POUNDS         | GENERATED           | 2012 | 380                        | 1985 |
| P108          | Strychnine, & salts                                          | 1               | POUNDS         | GENERATED           | 2012 | 35                         | 1997 |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 15              | POUNDS         | GENERATED           | 2012 | 941                        | 2010 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 4               | POUNDS         | GENERATED           | 2012 | 12                         | 2011 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 8               | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 22              | POUNDS         | GENERATED           | 2012 | 223                        | 2007 |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 10              | POUNDS         | GENERATED           | 2012 | 45                         | 2011 |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 3               | POUNDS         | GENERATED           | 2012 | 49                         | 2010 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2012 | 17                         | 2011 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 3               | POUNDS         | GENERATED           | 2012 | 33                         | 2010 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 10              | POUNDS         | GENERATED           | 2012 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |



NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D007          | Chromium                                                              |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 5               | POUNDS         | GENERATED           | 2012 | 7                          | 2009 |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| P105          | Sodium azide                                                          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2012 | 8                          | 2008 |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| U246          | Cyanogen bromide (CN)Br                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 18              | POUNDS         | GENERATED           | 2012 |                            |      |
| D004          | Arsenic                                                               |                 |                |                     |      |                            |      |
| D005          | Barium                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1600            | POUNDS         | GENERATED           | 2012 | 1600                       | 2011 |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 171             | POUNDS         | GENERATED           | 2012 |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 400             | POUNDS         | GENERATED           | 2012 | 2060                       | 2010 |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1200            | POUNDS         | GENERATED           | 2012 |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 197             | POUNDS         | GENERATED           | 2012 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 104             | POUNDS         | GENERATED           | 2012 | 545                        | 2011 |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2012 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 8               | POUNDS         | GENERATED           | 2012 |                            |      |
| U122          | Formaldehyde                                                          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 24              | POUNDS         | GENERATED           | 2012 |                            |      |
| U122          | Formaldehyde                                                          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2012 | 5                          | 2009 |
| U134          | Hydrogen fluoride (C,T)                                               |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2012 | 8                          | 2011 |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D009          | Mercury                                                               |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2012 | 13                         | 2010 |
| U123          | Formic acid (C,T)                                                     |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2012 | 56                         | 2010 |
| U217          | Thallium (I) nitrate                                                  |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD020396438 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 400             | POUNDS         | GENERATED           | 2012 |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| U138                                                                  | Methane, iodo-                                               |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 24              | POUNDS         | GENERATED           | 2012 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 157             | POUNDS         | GENERATED           | 2012 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U077                                                                  | Ethane, 1,2-dichloro-                                        |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 24              | POUNDS         | GENERATED           | 2012 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 155             | POUNDS         | GENERATED           | 2012 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U112                                                                  | Acetic acid ethyl ester (I)                                  |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (I)                                                  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 800             | POUNDS         | GENERATED           | 2012 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U112                                                                  | Acetic acid ethyl ester (I)                                  |                 |                |                     |      |                            |      |
| U003                                                                  | Acetonitrile (I,T)                                           |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD020396438 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 220             | POUNDS         | GENERATED           | 2012 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U112                                                                  | Acetic acid ethyl ester (I)                                  |                 |                |                     |      |                            |      |
| U159                                                                  | 2-Butanone (I,T)                                             |                 |                |                     |      |                            |      |
| U001                                                                  | Ethanal (I)                                                  |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (I)                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 110             | POUNDS         | GENERATED           | 2012 |                            |      |
| U010                                                                  | Mitomycin C                                                  |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 125             | POUNDS         | GENERATED           | 2012 |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| U211                                                                  | Carbon tetrachloride                                         |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 15              | POUNDS         | GENERATED           | 2012 |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         | 8               | POUNDS         | GENERATED           | 2011 | 5080                       | 1997 |
| D018                                                                  | BENZENE                                                      | 1               | POUNDS         | GENERATED           | 2011 | 150                        | 1996 |
| D022                                                                  | Chloroform                                                   | 10              | POUNDS         | GENERATED           | 2011 | 4398                       | 2002 |
| P042                                                                  | Epinephrine                                                  | 1               | POUNDS         | GENERATED           | 2011 | 229                        | 1996 |
| P087                                                                  | Osmium oxide OsO4, (T-4)-                                    | 2               | POUNDS         | GENERATED           | 2011 | 136                        | 1990 |
| U122                                                                  | Formaldehyde                                                 | 36              | POUNDS         | GENERATED           | 2011 | 1146                       | 2001 |
| U138                                                                  | Methane, iodo-                                               | 1               | POUNDS         | GENERATED           | 2011 | 31                         | 2000 |
| More than one waste code was reported for the following waste amount: |                                                              | 16              | POUNDS         | GENERATED           | 2011 | 43                         | 2009 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2011 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |

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| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D009          | Mercury                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 6               | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
| D007          | Chromium                                                              |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 12              | POUNDS         | GENERATED           | 2011 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 8               | POUNDS         | GENERATED           | 2011 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U404          | Ethanamine, N,N-diethyl (OR) Triethylamine                            |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 10              | POUNDS         | GENERATED           | 2011 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 2               | POUNDS         | GENERATED           | 2011 | 26                         | 2010 |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| P030          | Cyanides (soluble cyanide salts), not otherwise specified             |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 2               | POUNDS         | GENERATED           | 2011 | 8                          | 2009 |
| D007          | Chromium                                                              |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 2400            | POUNDS         | GENERATED           | 2011 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD020396438 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 175             | POUNDS         | GENERATED           | 2011 | 810                        | 2009 |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 215             | POUNDS         | GENERATED           | 2011 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U239                                                                  | Xylene (l)                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 400             | POUNDS         | GENERATED           | 2011 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2011 |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2011 | 6                          | 2010 |
| P003                                                                  | Acrolein                                                     |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2011 | 1                          | 2010 |
| P048                                                                  | 2,4-Dinitrophenol                                            |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 6               | POUNDS         | GENERATED           | 2011 |                            |      |
| U123                                                                  | Formic acid (C,T)                                            |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2011 |                            |      |
| U151                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2011 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 2               | POUNDS         | GENERATED           | 2011 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| P112          | Methane, tetranitro- (R)                                              |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 12              | POUNDS         | GENERATED           | 2011 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| U404          | Ethanamine, N,N-diethyl (OR) Triethylamine                            |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 3               | POUNDS         | GENERATED           | 2011 |                            |      |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
| P030          | Cyanides (soluble cyanide salts), not otherwise specified             |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2011 | 7                          | 2009 |
| U204          | Selenium dioxide                                                      |                 |                |                     |      |                            |      |
| D010          | Selenium                                                              |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 22              | POUNDS         | GENERATED           | 2011 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U122          | Formaldehyde                                                          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 74              | POUNDS         | GENERATED           | 2011 |                            |      |
| U122          | Formaldehyde                                                          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D004          | Arsenic                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 330             | POUNDS         | GENERATED           | 2011 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U239          | Xylene (I)                                                            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U404          | Ethanamine, N,N-diethyl (OR) Triethylamine                            |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|---------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                               | 210             | POUNDS         | GENERATED           | 2011 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                    |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                               | 330             | POUNDS         | GENERATED           | 2011 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (l)                                                   |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                                |                 |                |                     |      |                            |      |
| U003                                                                  | Acetonitrile (l,T)                                            |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                               | 165             | POUNDS         | GENERATED           | 2011 |                            |      |
| U007                                                                  | 2-Propenamide                                                 |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                           |                 |                |                     |      |                            |      |
| U080                                                                  | Methane, dichloro-                                            |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                   |                 |                |                     |      |                            |      |
| U059                                                                  | 5,12-Naphthacenedione, 8-acetyl-10-((3-amino-2,3,6-trideoxy)- |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                               | 90              | POUNDS         | GENERATED           | 2011 |                            |      |
| U010                                                                  | Mitomycin C                                                   |                 |                |                     |      |                            |      |
| U138                                                                  | Methane, iodo-                                                |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                       |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                           |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                        |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                               | 2               | POUNDS         | GENERATED           | 2011 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity    |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                       |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                               | 150             | POUNDS         | GENERATED           | 2011 |                            |      |
| F002                                                                  | Spent halogenated solvents                                    |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                   |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                  |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                 |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                               | 210             | POUNDS         | GENERATED           | 2011 |                            |      |
| F002                                                                  | Spent halogenated solvents                                    |                 |                |                     |      |                            |      |
| U117                                                                  | Ethyl ether (l)                                               |                 |                |                     |      |                            |      |



NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U220                                                                  | Toluene                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 800             | POUNDS         | GENERATED           | 2011 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U220                                                                  | Toluene                                                      |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (l)                                           |                 |                |                     |      |                            |      |
| U239                                                                  | Xylene (l)                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 220             | POUNDS         | GENERATED           | 2011 |                            |      |
| U010                                                                  | Mitomycin C                                                  |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| U080                                                                  | Methane, dichloro-                                           |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2011 |                            |      |
| U135                                                                  | Hydrogen sulfide H2S                                         |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 350             | POUNDS         | GENERATED           | 2011 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U117                                                                  | Ethyl ether (l)                                              |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U108                                                                  | 1,4-Diethyleneoxide                                          |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 110             | POUNDS         | GENERATED           | 2011 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     | 3               | POUNDS         | GENERATED           | 2010 | 686                        | 1989 |
| P093                                                                  | Phenylthiourea                                               | 1               | POUNDS         | GENERATED           | 2010 |                            |      |
| U135                                                                  | Hydrogen sulfide H2S                                         | 12              | POUNDS         | GENERATED           | 2010 |                            |      |

## NYS DEC Manifested Waste Transactions for NYD020396438 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 2               | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 16              | POUNDS         | GENERATED           | 2010 | 46                         | 2009 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 22              | POUNDS         | GENERATED           | 2010 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 2               | POUNDS         | GENERATED           | 2010 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 42              | POUNDS         | GENERATED           | 2010 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U006                                                                  | Acetyl chloride (C,R,T)                                      |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 3               | POUNDS         | GENERATED           | 2010 |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1980            | POUNDS         | GENERATED           | 2010 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 3               | POUNDS         | GENERATED           | 2010 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U117          | Ethyl ether (I)                                                       |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1.50            | POUNDS         | GENERATED           | 2010 |                            |      |
| P012          | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                          |                 |                |                     |      |                            |      |
| D004          | Arsenic                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 14              | POUNDS         | GENERATED           | 2010 |                            |      |
| U404          | Ethanamine, N,N-diethyl (OR) Triethylamine                            |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 28              | POUNDS         | GENERATED           | 2010 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 41              | POUNDS         | GENERATED           | 2010 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
| D007          | Chromium                                                              |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| P030          | Cyanides (soluble cyanide salts), not otherwise specified             |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U163          | Guanidine, N-methyl-N-nitro-N-nitroso-                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 16              | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |

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| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D007          | Chromium                                                              |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 32              | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| U404          | Ethanamine, N,N-diethyl (OR) Triethylamine                            |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| U117          | Ethyl ether (I)                                                       |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2010 |                            |      |
| D009          | Mercury                                                               |                 |                |                     |      |                            |      |
| P030          | Cyanides (soluble cyanide salts), not otherwise specified             |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 220             | POUNDS         | GENERATED           | 2010 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 220             | POUNDS         | GENERATED           | 2010 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U002          | Acetone (I)                                                           |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U154          | Methyl alcohol (I)                                                    |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2010 |                            |      |
| P092          | Mercury, (acetato-O)phenyl-                                           |                 |                |                     |      |                            |      |
| D009          | Mercury                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 400             | POUNDS         | GENERATED           | 2010 |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| U136          | Cacodylic acid                                                        |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                           |                 |                |                     |      |                            |      |
| U080          | Methane, dichloro-                                                    |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2010 |                            |      |
| U115          | Ethylene oxide (I,T)                                                  |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 16              | POUNDS         | GENERATED           | 2010 |                            |      |
| U122          | Formaldehyde                                                          |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 18              | POUNDS         | GENERATED           | 2010 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U154          | Methyl alcohol (l)                                                    |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 54              | POUNDS         | GENERATED           | 2010 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U154          | Methyl alcohol (l)                                                    |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1100            | POUNDS         | GENERATED           | 2010 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U002          | Acetone (l)                                                           |                 |                |                     |      |                            |      |
| U154          | Methyl alcohol (l)                                                    |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U003          | Acetonitrile (l,T)                                                    |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 12              | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| P105          | Sodium azide                                                          |                 |                |                     |      |                            |      |
| P087          | Osmium oxide OsO4, (T-4)-                                             |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 160             | POUNDS         | GENERATED           | 2010 |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| U236          | Trypan blue                                                           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 20              | POUNDS         | GENERATED           | 2010 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D005          | Barium                                                                |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 10              | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D007          | Chromium                                                              |                 |                |                     |      |                            |      |
| U200          | Yohimban-16-carboxylic acid                                           |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 6               | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| P075          | Nicotine, & salts                                                     |                 |                |                     |      |                            |      |
| P105          | Sodium azide                                                          |                 |                |                     |      |                            |      |
| P008          | 4-Aminopyridine                                                       |                 |                |                     |      |                            |      |
| P087          | Osmium oxide OsO4, (T-4)-                                             |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 2               | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| P105          | Sodium azide                                                          |                 |                |                     |      |                            |      |
| U216          | Thallium(I) chloride                                                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 880             | POUNDS         | GENERATED           | 2010 |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| U122          | Formaldehyde                                                          |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                           |                 |                |                     |      |                            |      |
| U059          | 5,12-Naphthacenedione, 8-acetyl-10-((3-amino-2,3,6-trideoxy)-         |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 200             | POUNDS         | GENERATED           | 2010 |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| U219          | Thiourea                                                              |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                           |                 |                |                     |      |                            |      |
| U122          | Formaldehyde                                                          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 220             | POUNDS         | GENERATED           | 2010 |                            |      |
| U010          | Mitomycin C                                                           |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT YEAR |      |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|---------------------------------|------|
| D004          | Arsenic                                                               |                 |                |                     |      |                                 |      |
|               | More than one waste code was reported for the following waste amount: | 220             | POUNDS         | GENERATED           | 2010 |                                 |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                                 |      |
| U236          | Trypan blue                                                           |                 |                |                     |      |                                 |      |
| D008          | Lead                                                                  |                 |                |                     |      |                                 |      |
| U188          | Phenol                                                                |                 |                |                     |      |                                 |      |
| D004          | Arsenic                                                               |                 |                |                     |      |                                 |      |
|               | More than one waste code was reported for the following waste amount: | 400             | POUNDS         | GENERATED           | 2010 |                                 |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                                 |      |
| U238          | Carbamic acid, ethyl ester                                            |                 |                |                     |      |                                 |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                                 |      |
| U188          | Phenol                                                                |                 |                |                     |      |                                 |      |
| D008          | Lead                                                                  |                 |                |                     |      |                                 |      |
|               | More than one waste code was reported for the following waste amount: | 10              | POUNDS         | GENERATED           | 2010 |                                 |      |
| U136          | Cacodylic acid                                                        |                 |                |                     |      |                                 |      |
| D005          | Barium                                                                |                 |                |                     |      |                                 |      |
| D004          | Arsenic                                                               |                 |                |                     |      |                                 |      |
| D006          | Cadmium                                                               |                 |                |                     |      |                                 |      |
|               | More than one waste code was reported for the following waste amount: | 55              | POUNDS         | GENERATED           | 2010 |                                 |      |
| U238          | Carbamic acid, ethyl ester                                            |                 |                |                     |      |                                 |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                                 |      |
| D005          | Barium                                                                | 7               | POUNDS         | GENERATED           | 2009 | 361                             | 1996 |
| D011          | Silver                                                                | 2               | POUNDS         | GENERATED           | 2009 | 750                             | 2003 |
| D027          | 1,4-Dichlorobenzene                                                   | 1               | POUNDS         | GENERATED           | 2009 | 150                             | 2001 |
| P030          | Cyanides (soluble cyanide salts), not otherwise specified             | 5               | POUNDS         | GENERATED           | 2009 | 200                             | 1985 |
|               | More than one waste code was reported for the following waste amount: | 15              | POUNDS         | GENERATED           | 2009 | 17                              | 2008 |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                                 |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                                 |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                                 |      |
|               | More than one waste code was reported for the following waste amount: | 85              | POUNDS         | GENERATED           | 2009 |                                 |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                                 |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                                 |      |
| D007          | Chromium                                                              |                 |                |                     |      |                                 |      |

## NYS DEC Manifested Waste Transactions for NYD020396438 continued ---

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 78              | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 127             | POUNDS         | GENERATED           | 2009 | 163                        | 2008 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 183             | POUNDS         | GENERATED           | 2009 | 833                        | 2007 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 13              | POUNDS         | GENERATED           | 2009 | 1248                       | 2008 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 45              | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 71              | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| U123                                                                  | Formic acid (C,T)                                            |                 |                |                     |      |                            |      |
| U147                                                                  | 2,5-Furandione                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 7               | POUNDS         | GENERATED           | 2009 | 67                         | 2008 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |



NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U123          | Formic acid (C,T)                                                     |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 22              | POUNDS         | GENERATED           | 2009 | 73                         | 2008 |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 8               | POUNDS         | GENERATED           | 2009 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| P003          | Acrolein                                                              |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 8               | POUNDS         | GENERATED           | 2009 | 21                         | 2008 |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D007          | Chromium                                                              |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1118            | POUNDS         | GENERATED           | 2009 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 334             | POUNDS         | GENERATED           | 2009 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 9               | POUNDS         | GENERATED           | 2009 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2009 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| U133          | Hydrazine (R,T)                                                       |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 47              | POUNDS         | GENERATED           | 2009 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D004          | Arsenic                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 37              | POUNDS         | GENERATED           | 2009 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D005          | Barium                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 71              | POUNDS         | GENERATED           | 2009 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 6               | POUNDS         | GENERATED           | 2009 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| P098          | Potassium cyanide K(CN)                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 93              | POUNDS         | GENERATED           | 2009 |                            |      |
| D004          | Arsenic                                                               |                 |                |                     |      |                            |      |
| D006          | Cadmium                                                               |                 |                |                     |      |                            |      |
| D007          | Chromium                                                              |                 |                |                     |      |                            |      |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 166             | POUNDS         | GENERATED           | 2009 |                            |      |
| D004          | Arsenic                                                               |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 3               | POUNDS         | GENERATED           | 2009 |                            |      |
| D005          | Barium                                                                |                 |                |                     |      |                            |      |
| D006          | Cadmium                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 72              | POUNDS         | GENERATED           | 2009 |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 220             | POUNDS         | GENERATED           | 2009 |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |

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| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 5               | POUNDS         | GENERATED           | 2009 |                            |      |
| P081          | Nitroglycerine (R)                                                    |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 7               | POUNDS         | GENERATED           | 2009 |                            |      |
| U103          | Dimethyl sulfate                                                      |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 126             | POUNDS         | GENERATED           | 2009 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                               |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                              |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 169             | POUNDS         | GENERATED           | 2009 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U002          | Acetone (I)                                                           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 183             | POUNDS         | GENERATED           | 2009 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U239          | Xylene (I)                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 7               | POUNDS         | GENERATED           | 2009 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D007          | Chromium                                                              |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 2               | POUNDS         | GENERATED           | 2009 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| P081          | Nitroglycerine (R)                                                    |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 3               | POUNDS         | GENERATED           | 2009 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U177          | Urea, N-methyl-N-nitroso-                                             |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 6               | POUNDS         | GENERATED           | 2009 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D004          | Arsenic                                                               |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 209             | POUNDS         | GENERATED           | 2009 |                            |      |
| D004          | Arsenic                                                               |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 50              | POUNDS         | GENERATED           | 2009 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U002          | Acetone (l)                                                           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 90              | POUNDS         | GENERATED           | 2009 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D004          | Arsenic                                                               |                 |                |                     |      |                            |      |
| D007          | Chromium                                                              |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 31              | POUNDS         | GENERATED           | 2009 |                            |      |
| D004          | Arsenic                                                               |                 |                |                     |      |                            |      |
| P087          | Osmium oxide OsO4, (T-4)-                                             |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 3               | POUNDS         | GENERATED           | 2009 |                            |      |
| P042          | Epinephrine                                                           |                 |                |                     |      |                            |      |
| P043          | Phosphorofluoridic acid, bis(1-methylethyl) ester                     |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 34              | POUNDS         | GENERATED           | 2009 |                            |      |
| U122          | Formaldehyde                                                          |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD020396438 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                              | 785             | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 13              | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| U022                                                                  | Benzo(a)pyrene                                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 162             | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                   |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| D035                                                                  | Methyl ethyl ketone                                                          |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 98              | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                       |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| U213                                                                  | Tetrahydrofuran (l)                                                          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 116             | POUNDS         | GENERATED           | 2009 |                            |      |
| D004                                                                  | Arsenic                                                                      |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                                |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 8               | POUNDS         | GENERATED           | 2009 |                            |      |
| D004                                                                  | Arsenic                                                                      |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                          |                 |                |                     |      |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U236                                                                  | Trypan blue                                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 70              | POUNDS         | GENERATED           | 2009 |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D038                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 108             | POUNDS         | GENERATED           | 2009 |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 14              | POUNDS         | GENERATED           | 2009 |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 24              | POUNDS         | GENERATED           | 2009 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U117                                                                  | Ethyl ether (I)                                              |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 41              | POUNDS         | GENERATED           | 2009 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U196                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U238                                                                  | Carbamic acid, ethyl ester                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 140             | POUNDS         | GENERATED           | 2009 |                            |      |
| U002                                                                  | Acetone (I)                                                  |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (I)                                           |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U031                                                                  | n-Butyl alcohol (I)                                          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 40              | POUNDS         | GENERATED           | 2009 |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                       | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U044                                                                  | Methane, trichloro-                                        |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                            | 35              | POUNDS         | GENERATED           | 2009 |                            |      |
| U007                                                                  | 2-Propenamide                                              |                 |                |                     |      |                            |      |
| U236                                                                  | Trypan blue                                                |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                 |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                     |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                            | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| U010                                                                  | Mitomycin C                                                |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                    |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                        |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                            | 24              | POUNDS         | GENERATED           | 2009 |                            |      |
| U122                                                                  | Formaldehyde                                               |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                   |                 |                |                     |      |                            |      |
| U204                                                                  | Selenium dioxide                                           |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                            | 6               | POUNDS         | GENERATED           | 2009 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity |                 |                |                     |      |                            |      |
| P105                                                                  | Sodium azide                                               |                 |                |                     |      |                            |      |
| P077                                                                  | p-Nitroaniline                                             |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                            | 200             | POUNDS         | GENERATED           | 2009 |                            |      |
| U007                                                                  | 2-Propenamide                                              |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                        |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                               |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                |                 |                |                     |      |                            |      |
| U050                                                                  | Chrysene                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                            | 150             | POUNDS         | GENERATED           | 2009 |                            |      |
| U044                                                                  | Methane, trichloro-                                        |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                 |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                               |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD020396438 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 190             | POUNDS         | GENERATED           | 2009 |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| U236                                                                  | Trypan blue                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 37              | POUNDS         | GENERATED           | 2009 |                            |      |
| U117                                                                  | Ethyl ether (I)                                              |                 |                |                     |      |                            |      |
| U213                                                                  | Tetrahydrofuran (I)                                          |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U196                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                   |                 |                |                     |      |                            |      |
| P039                                                                  | Phosphorodithioic acid                                       | 2               | POUNDS         | GENERATED           | 2008 |                            |      |
| U188                                                                  | Phenol                                                       | 6               | POUNDS         | GENERATED           | 2008 | 1009                       | 1992 |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U006                                                                  | Acetyl chloride (C,R,T)                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 522             | POUNDS         | GENERATED           | 2008 | 1294                       | 2007 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 52              | POUNDS         | GENERATED           | 2008 | 545                        | 2007 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 118             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |



## NYS DEC Manifested Waste Transactions for NYD020396438 continued ---

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 177             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| U123                                                                  | Formic acid (C,T)                                            |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 4               | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 247             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 10              | POUNDS         | GENERATED           | 2008 | 386                        | 2007 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 213             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 4               | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| P048                                                                  | 2,4-Dinitrophenol                                            |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 7               | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (I)                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 5               | POUNDS         | GENERATED           | 2008 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| U103                                                                  | Dimethyl sulfate                                             |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD020396438 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 29              | POUNDS         | GENERATED           | 2008 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 166             | POUNDS         | GENERATED           | 2008 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 82              | POUNDS         | GENERATED           | 2008 | 150                        | 2007 |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 54              | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 240             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 61              | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D035                                                                  | Methyl ethyl ketone                                          |                 |                |                     |      |                            |      |
| U159                                                                  | 2-Butanone (I,T)                                             |                 |                |                     |      |                            |      |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 216             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U239                                                                  | Xylene (I)                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 115             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D028                                                                  | 1,2-Dichloroethane                                           |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 625             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (I)                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 765             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (I)                                                  |                 |                |                     |      |                            |      |
| U003                                                                  | Acetonitrile (I,T)                                           |                 |                |                     |      |                            |      |
| U031                                                                  | n-Butyl alcohol (I)                                          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 448             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U031                                                                  | n-Butyl alcohol (I)                                          |                 |                |                     |      |                            |      |
| U112                                                                  | Acetic acid ethyl ester (I)                                  |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (I)                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| P112                                                                  | Methane, tetranitro- (R)                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 135             | POUNDS         | GENERATED           | 2008 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 184             | POUNDS         | GENERATED           | 2008 |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U080                                                                  | Methane, dichloro-                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 9               | POUNDS         | GENERATED           | 2008 |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U206                                                                  | Streptozotocin                                               |                 |                |                     |      |                            |      |
| U239                                                                  | Xylene (I)                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 25              | POUNDS         | GENERATED           | 2008 |                            |      |
| P030                                                                  | Cyanides (soluble cyanide salts), not otherwise specified    |                 |                |                     |      |                            |      |
| P042                                                                  | Epinephrine                                                  |                 |                |                     |      |                            |      |
| P105                                                                  | Sodium azide                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 52              | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D028                                                                  | 1,2-Dichloroethane                                           |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (I)                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 129             | POUNDS         | GENERATED           | 2008 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U119                                                                  | Methanesulfonic acid, ethyl ester                            |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 75              | POUNDS         | GENERATED           | 2008 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U044                                                                  | Methane, trichloro-                                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                               | 136             | POUNDS         | GENERATED           | 2008 |                            |      |
| D004                                                                  | Arsenic                                                                       |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                    |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                                        |                 |                |                     |      |                            |      |
| B004                                                                  | PCB Articles containing 50 ppm or greater of PCBs but less than 500 ppm PCBs. | 10              | KILOGRAMS      | GENERATED           | 2007 |                            |      |
| D004                                                                  | Arsenic                                                                       | 4               | POUNDS         | GENERATED           | 2007 | 228                        | 2002 |
| P081                                                                  | Nitroglycerine (R)                                                            | 8               | POUNDS         | GENERATED           | 2007 |                            |      |
| U012                                                                  | Benzenamine (I,T)                                                             | 7               | POUNDS         | GENERATED           | 2007 | 288                        | 1989 |
| U075                                                                  | Dichlorodifluoromethane                                                       | 9               | POUNDS         | GENERATED           | 2007 | 44                         | 2001 |
| U170                                                                  | p-Nitrophenol                                                                 | 7               | POUNDS         | GENERATED           | 2007 | 50                         | 1999 |
| More than one waste code was reported for the following waste amount: |                                                                               | 175             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                  |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                   |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                    |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                                      |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                               | 484             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                  |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                   |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                    |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                               | 164             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                  |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                   |                 |                |                     |      |                            |      |
| U213                                                                  | Tetrahydrofuran (I)                                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                               | 9               | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                  |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                                        |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                        |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                               | 600             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                  |                 |                |                     |      |                            |      |
| D035                                                                  | Methyl ethyl ketone                                                           |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 230             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2007 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| P003          | Acrolein                                                              |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 4               | POUNDS         | GENERATED           | 2007 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U115          | Ethylene oxide (I,T)                                                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 60              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U122          | Formaldehyde                                                          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 78              | POUNDS         | GENERATED           | 2007 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D007          | Chromium                                                              |                 |                |                     |      |                            |      |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 16              | POUNDS         | GENERATED           | 2007 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| U123          | Formic acid (C,T)                                                     |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1               | POUNDS         | GENERATED           | 2007 | 4                          | 2006 |
| D010          | Selenium                                                              |                 |                |                     |      |                            |      |
| U204          | Selenium dioxide                                                      |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 385             | POUNDS         | GENERATED           | 2007 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 80              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 40              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U117                                                                  | Ethyl ether (I)                                              |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 200             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U003                                                                  | Acetonitrile (I,T)                                           |                 |                |                     |      |                            |      |
| U239                                                                  | Xylene (I)                                                   |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 165             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| U117                                                                  | Ethyl ether (I)                                              |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 60              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U003                                                                  | Acetonitrile (I,T)                                           |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 11              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U117                                                                  | Ethyl ether (I)                                              |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD020396438 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 150             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (I)                                                  |                 |                |                     |      |                            |      |
| U003                                                                  | Acetonitrile (I,T)                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 400             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D035                                                                  | Methyl ethyl ketone                                          |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 218             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (I)                                                  |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (I)                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 120             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U057                                                                  | Cyclohexanone (I)                                            |                 |                |                     |      |                            |      |
| U140                                                                  | ' 1-Propanol, 2-methyl- (I,T)'                               |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 155             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (I)                                                  |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (I)                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 325             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U031                                                                  | n-Butyl alcohol (I)                                          |                 |                |                     |      |                            |      |



## NYS DEC Manifested Waste Transactions for NYD020396438 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                        | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|-------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                             | 29              | POUNDS         | GENERATED           | 2007 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                      |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                             | 100             | POUNDS         | GENERATED           | 2007 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                |                 |                |                     |      |                            |      |
| U134                                                                  | Hydrogen fluoride (C,T)                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                             | 53              | POUNDS         | GENERATED           | 2007 |                            |      |
| D004                                                                  | Arsenic                                                     |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                      |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                             | 140             | POUNDS         | GENERATED           | 2007 |                            |      |
| D004                                                                  | Arsenic                                                     |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                        |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                      |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                  |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                             | 127             | POUNDS         | GENERATED           | 2007 |                            |      |
| D004                                                                  | Arsenic                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                      |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                  |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                         |                 |                |                     |      |                            |      |
| U089                                                                  | Phenol, 4,4-(1,2-diethyl-1,2-ethenediyl)bis-, (E)-          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                             | 130             | POUNDS         | GENERATED           | 2007 |                            |      |
| D004                                                                  | Arsenic                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                      |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                  |                 |                |                     |      |                            |      |
| U225                                                                  | Bromoform                                                   |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                      |                 |                |                     |      |                            |      |
| U011                                                                  | 1H-1,2,4-Triazol-3-amine                                    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                             | 217             | POUNDS         | GENERATED           | 2007 |                            |      |
| D004                                                                  | Arsenic                                                     |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| U206                                                                  | Streptozotocin                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2007 |                            |      |
| D038                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| P042                                                                  | Epinephrine                                                  |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D035                                                                  | Methyl ethyl ketone                                          | 3               | POUNDS         | GENERATED           | 2006 |                            |      |
| F002                                                                  | Spent halogenated solvents                                   | 1372            | POUNDS         | GENERATED           | 2006 | 4795                       | 1990 |
| F003                                                                  | Spent non-halogenated solvents                               | 5313            | POUNDS         | GENERATED           | 2006 | 7112                       | 1998 |
| P003                                                                  | Acrolein                                                     | 47              | POUNDS         | GENERATED           | 2006 | 271                        | 1990 |
| P014                                                                  | Thiophenol                                                   | 1               | POUNDS         | GENERATED           | 2006 | 42                         | 1990 |
| P036                                                                  | Arsonous dichloride, phenyl-                                 | 9               | POUNDS         | GENERATED           | 2006 |                            |      |
| P098                                                                  | Potassium cyanide K(CN)                                      | 1               | POUNDS         | GENERATED           | 2006 | 158                        | 1996 |
| P106                                                                  | Sodium cyanide Na(CN)                                        | 2               | POUNDS         | GENERATED           | 2006 | 120                        | 1988 |
| P112                                                                  | Methane, tetranitro- (R)                                     | 3               | POUNDS         | GENERATED           | 2006 | 110                        | 1996 |
| U004                                                                  | Ethanone, 1-phenyl-                                          | 70              | POUNDS         | GENERATED           | 2006 |                            |      |
| U007                                                                  | 2-Propenamide                                                | 650             | POUNDS         | GENERATED           | 2006 | 690                        | 2000 |
| U044                                                                  | Methane, trichloro-                                          | 40              | POUNDS         | GENERATED           | 2006 | 910                        | 2000 |
| U123                                                                  | Formic acid (C,T)                                            | 340             | POUNDS         | GENERATED           | 2006 | 545                        | 2001 |
| U134                                                                  | Hydrogen fluoride (C,T)                                      | 5               | POUNDS         | GENERATED           | 2006 | 50                         | 1991 |
| U165                                                                  | Naphthalene                                                  | 55              | POUNDS         | GENERATED           | 2006 | 205                        | 1990 |
| U226                                                                  | Ethane, 1,1,1-trichloro-                                     | 10              | POUNDS         | GENERATED           | 2006 |                            |      |
| U246                                                                  | Cyanogen bromide (CN)Br                                      | 17              | POUNDS         | GENERATED           | 2006 | 62                         | 1992 |
| U353                                                                  | p-Toluidine                                                  | 3               | POUNDS         | GENERATED           | 2006 | 12                         | 1992 |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                   | 100             | POUNDS         | GENERATED           | 2006 | 321                        | 2000 |
| More than one waste code was reported for the following waste amount: |                                                              | 170             | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 220             | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D028                                                                  | 1,2-Dichloroethane                                           |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD020396438 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 110             | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 230             | POUNDS         | GENERATED           | 2006 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| P018                                                                  | Brucine                                                      | 10              | POUNDS         | GENERATED           | 2005 | 60                         | 1997 |
| U008                                                                  | Acrylic acid (I)                                             | 95              | POUNDS         | GENERATED           | 2005 | 200                        | 2000 |
| U022                                                                  | Benzo(a)pyrene                                               | 26              | POUNDS         | GENERATED           | 2005 | 58                         | 2001 |
| U103                                                                  | Dimethyl sulfate                                             | 11              | POUNDS         | GENERATED           | 2005 | 57                         | 1989 |
| U133                                                                  | Hydrazine (R,T)                                              | 8               | POUNDS         | GENERATED           | 2005 | 39                         | 1992 |
| U147                                                                  | 2,5-Furandione                                               | 120             | POUNDS         | GENERATED           | 2005 | 193                        | 1994 |
| U223                                                                  | Toluene diisocyanate (R,T)                                   | 8               | POUNDS         | GENERATED           | 2005 |                            |      |
| D006                                                                  | Cadmium                                                      | 5               | POUNDS         | GENERATED           | 2004 | 203                        | 1996 |
| F001                                                                  | Spent halogenated solvents used in degreasing                | 162             | POUNDS         | GENERATED           | 2004 |                            |      |
| P092                                                                  | Mercury, (acetato-O)phenyl-                                  | 4               | POUNDS         | GENERATED           | 2004 |                            |      |
| U019                                                                  | Benzene (I,T)                                                | 44              | POUNDS         | GENERATED           | 2004 | 50                         | 1998 |
| U117                                                                  | Ethyl ether (I)                                              | 17              | POUNDS         | GENERATED           | 2004 | 124                        | 2000 |
| U153                                                                  | Thiomethanol (I,T)                                           | 8               | POUNDS         | GENERATED           | 2004 |                            |      |
| U239                                                                  | Xylene (I)                                                   | 8               | POUNDS         | GENERATED           | 2004 | 200                        | 1999 |
| U328                                                                  | o-Toluidine                                                  | 3               | POUNDS         | GENERATED           | 2004 | 50                         | 1988 |
| D019                                                                  | Carbon Tetrachloride                                         | 60              | POUNDS         | GENERATED           | 2003 |                            |      |
| F002                                                                  | Spent halogenated solvents                                   | 30              | GALLONS        | GENERATED           | 2003 | 40                         | 1996 |
| F003                                                                  | Spent non-halogenated solvents                               | 200             | GALLONS        | GENERATED           | 2003 | 1320                       | 1989 |
| F005                                                                  | Spent non-halogenated solvents                               | 800             | POUNDS         | GENERATED           | 2003 | 11843                      | 2000 |
| P048                                                                  | 2,4-Dinitrophenol                                            | 18              | POUNDS         | GENERATED           | 2003 | 25                         | 2000 |
| P116                                                                  | Hydrazinecarbothioamide                                      | 8               | POUNDS         | GENERATED           | 2003 |                            |      |
| U151                                                                  | Mercury                                                      | 80              | POUNDS         | GENERATED           | 2003 | 154                        | 2001 |
| U163                                                                  | Guanidine, N-methyl-N-nitro-N-nitroso-                       | 4               | POUNDS         | GENERATED           | 2003 | 12                         | 1997 |
| P022                                                                  | Carbon disulfide                                             | 8               | POUNDS         | GENERATED           | 2002 | 24                         | 1992 |

## NYS DEC Manifested Waste Transactions for NYD020396438 continued ---

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| P024          | p-Chloroaniline                                              | 10              | POUNDS         | GENERATED           | 2002 |                            |      |
| P077          | p-Nitroaniline                                               | 10              | POUNDS         | GENERATED           | 2002 | 289                        | 2000 |
| U031          | n-Butyl alcohol (l)                                          | 40              | POUNDS         | GENERATED           | 2002 | 188                        | 1989 |
| U115          | Ethylene oxide (l,T)                                         | 9               | POUNDS         | GENERATED           | 2002 |                            |      |
| U219          | Thiourea                                                     | 40              | POUNDS         | GENERATED           | 2002 | 823                        | 1996 |
| D002          | Solid waste that exhibits the characteristic of corrosivity  | 30              | GALLONS        | GENERATED           | 2001 | 505                        | 1996 |
| F005          | Spent non-halogenated solvents                               | 826             | KILOGRAMS      | GENERATED           | 2001 |                            |      |
| F027          | Discarded unused formulations                                | 8               | POUNDS         | GENERATED           | 2001 | 315                        | 2000 |
| P008          | 4-Aminopyridine                                              | 240             | POUNDS         | GENERATED           | 2001 |                            |      |
| P023          | Acetaldehyde, chloro-                                        | 200             | POUNDS         | GENERATED           | 2001 |                            |      |
| P028          | Benzyl chloride                                              | 8               | POUNDS         | GENERATED           | 2001 | 8                          | 1996 |
| U110          | Dipropylamine (l)                                            | 200             | POUNDS         | GENERATED           | 2001 |                            |      |
| U136          | Cacodylic acid                                               | 14              | POUNDS         | GENERATED           | 2001 | 155                        | 1994 |
| U211          | Carbon tetrachloride                                         | 200             | POUNDS         | GENERATED           | 2001 | 200                        | 1999 |
| D004          | Arsenic                                                      | 300             | GALLONS        | GENERATED           | 2000 |                            |      |
| D025          | p-Cresol                                                     | 8               | POUNDS         | GENERATED           | 2000 |                            |      |
| D040          | Trichlorethylene                                             | 9               | POUNDS         | GENERATED           | 2000 |                            |      |
| F005          | Spent non-halogenated solvents                               | 600             | GALLONS        | GENERATED           | 2000 |                            |      |
| F008          | Plating bath residues from the bottom of plating baths       | 50              | POUNDS         | GENERATED           | 2000 |                            |      |
| P007          | 5-(Aminomethyl)-3-isoxazolol                                 | 105             | POUNDS         | GENERATED           | 2000 |                            |      |
| P012          | Arsenic oxide As2O3                                          | 50              | POUNDS         | GENERATED           | 2000 |                            |      |
| P113          | Thallic oxide                                                | 1               | POUNDS         | GENERATED           | 2000 |                            |      |
| P119          | Ammonium vanadate                                            | 150             | POUNDS         | GENERATED           | 2000 |                            |      |
| U003          | Acetonitrile (l,T)                                           | 190             | POUNDS         | GENERATED           | 2000 | 250                        | 1999 |
| U006          | Acetyl chloride (C,R,T)                                      | 14              | POUNDS         | GENERATED           | 2000 | 30                         | 1992 |
| U041          | Epichlorohydrin                                              | 8               | POUNDS         | GENERATED           | 2000 |                            |      |
| U052          | Phenol, methyl-                                              | 7               | POUNDS         | GENERATED           | 2000 | 100                        | 1990 |
| U112          | Acetic acid ethyl ester (l)                                  | 112             | POUNDS         | GENERATED           | 2000 | 180                        | 1999 |
| U144          | Acetic acid, lead(2+) salt                                   | 50              | POUNDS         | GENERATED           | 2000 | 200                        | 1985 |
| U148          | 3,6-Pyridazinedione, 1,2-dihydro-                            | 8               | POUNDS         | GENERATED           | 2000 |                            |      |
| U201          | 1,3-Benzenediol                                              | 5               | POUNDS         | GENERATED           | 2000 | 40                         | 1994 |
| U213          | Tetrahydrofuran (l)                                          | 55              | POUNDS         | GENERATED           | 2000 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability | 20              | GALLONS        | GENERATED           | 1999 | 605                        | 1987 |
| P043          | Phosphorofluoridic acid, bis(1-methylethyl) ester            | 8               | POUNDS         | GENERATED           | 1999 | 63                         | 1989 |
| U010          | Mitomycin C                                                  | 54              | POUNDS         | GENERATED           | 1999 | 220                        | 1995 |
| U077          | Ethane, 1,2-dichloro-                                        | 108             | POUNDS         | GENERATED           | 1999 |                            |      |
| U080          | Methane, dichloro-                                           | 400             | POUNDS         | GENERATED           | 1999 |                            |      |
| U102          | Dimethyl phthalate                                           | 40              | POUNDS         | GENERATED           | 1999 |                            |      |
| U127          | Hexachlorobenzene                                            | 16              | POUNDS         | GENERATED           | 1999 |                            |      |
| U154          | Methyl alcohol (l)                                           | 230             | POUNDS         | GENERATED           | 1999 |                            |      |
| U162          | 2-Propenoic acid, 2-methyl-, methyl ester (l,T)              | 200             | POUNDS         | GENERATED           | 1999 |                            |      |

## NYS DEC Manifested Waste Transactions for NYD020396438 continued ---

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U196          | Pyridine                                                                      | 45              | POUNDS         | GENERATED           | 1999 | 343                        | 1992 |
| U220          | Toluene                                                                       | 200             | POUNDS         | GENERATED           | 1999 |                            |      |
| U228          | Ethene, trichloro-                                                            | 40              | POUNDS         | GENERATED           | 1999 | 55                         | 1994 |
| B002          | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm              | 3400            | KILOGRAMS      | GENERATED           | 1998 |                            |      |
| B007          | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 90              | KILOGRAMS      | GENERATED           | 1998 |                            |      |
| D008          | Lead                                                                          | 30              | GALLONS        | GENERATED           | 1998 |                            |      |
| U036          | Chlordane, alpha & gamma isomers                                              | 15              | POUNDS         | GENERATED           | 1998 |                            |      |
| U158          | Benzenamine                                                                   | 40              | POUNDS         | GENERATED           | 1998 |                            |      |
| F007          | Spent cyanide plating bath solutions from electroplating operations           | 12              | POUNDS         | GENERATED           | 1997 |                            |      |
| P005          | Allyl alcohol                                                                 | 12              | POUNDS         | GENERATED           | 1997 |                            |      |
| P010          | Arsenic acid H3AsO4                                                           | 9               | POUNDS         | GENERATED           | 1997 |                            |      |
| P040          | Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester                           | 8               | POUNDS         | GENERATED           | 1997 |                            |      |
| P120          | Vanadium oxide V2O5                                                           | 36              | POUNDS         | GENERATED           | 1997 |                            |      |
| U029          | Methyl bromide                                                                | 15              | POUNDS         | GENERATED           | 1997 |                            |      |
| U108          | 1,4-Diethyleneoxide                                                           | 12              | POUNDS         | GENERATED           | 1997 | 100                        | 1990 |
| U150          | Melphalan                                                                     | 120             | POUNDS         | GENERATED           | 1997 |                            |      |
| U190          | Phthalic anhydride                                                            | 232             | POUNDS         | GENERATED           | 1997 |                            |      |
| F027          | Discarded unused formulations                                                 | 1               | GALLONS        | GENERATED           | 1996 |                            |      |
| U088          | 1,2-Benzenedicarboxylic acid, diethyl ester                                   | 55              | POUNDS         | GENERATED           | 1996 | 100                        | 1985 |
| F010          | Quenching bath residues from oil baths from metal heat treating operations    | 60              | POUNDS         | GENERATED           | 1994 |                            |      |
| P011          | Arsenic oxide As2O5                                                           | 50              | POUNDS         | GENERATED           | 1994 |                            |      |
| U021          | Benzidine                                                                     | 50              | POUNDS         | GENERATED           | 1994 | 900                        | 1986 |
| U069          | 1,2-Benzenedicarboxylic acid, dibutyl ester                                   | 152             | POUNDS         | GENERATED           | 1994 |                            |      |
| U051          | Creosote                                                                      | 10              | POUNDS         | GENERATED           | 1993 |                            |      |
| U236          | Trypan blue                                                                   | 55              | POUNDS         | GENERATED           | 1993 |                            |      |
| U240          | 2,4-D, salts & esters                                                         | 8               | POUNDS         | GENERATED           | 1993 |                            |      |
| P068          | Methyl hydrazine                                                              | 8               | POUNDS         | GENERATED           | 1992 |                            |      |
| R001          | Unknown waste type.                                                           | 18420           | POUNDS         | GENERATED           | 1992 |                            |      |
| U001          | Ethanal (I)                                                                   | 41              | POUNDS         | GENERATED           | 1992 |                            |      |
| U092          | Dimethylamine (I)                                                             | 50              | POUNDS         | GENERATED           | 1992 |                            |      |
| B001          | PCB Oil (concentrated) from transformers, capacitors, etc.                    | 250             | POUNDS         | GENERATED           | 1991 |                            |      |
| U053          | 2-Butenal                                                                     | 12              | POUNDS         | GENERATED           | 1991 |                            |      |
| U146          | Lead subacetate                                                               | 29              | POUNDS         | GENERATED           | 1991 | 30                         | 1990 |
| U204          | Selenium dioxide                                                              | 11              | POUNDS         | GENERATED           | 1991 |                            |      |
| U238          | Carbamic acid, ethyl ester                                                    | 15              | POUNDS         | GENERATED           | 1991 | 517                        | 1990 |
| U067          | Ethane, 1,2-dibromo-                                                          | 146             | POUNDS         | GENERATED           | 1990 |                            |      |
| U210          | Ethene, tetrachloro-                                                          | 172             | POUNDS         | GENERATED           | 1990 |                            |      |
| U217          | Thallium (I) nitrate                                                          | 30              | POUNDS         | GENERATED           | 1988 |                            |      |
| U234          | Benzene, 1,3,5-trinitro-                                                      | 440             | POUNDS         | GENERATED           | 1988 |                            |      |
| X850          | Unknown waste type.                                                           | 200             | POUNDS         | GENERATED           | 1988 |                            |      |
| D000          | Unknown waste type.                                                           | 1200            | POUNDS         | GENERATED           | 1987 | 14600                      | 1986 |

## NYS DEC Manifested Waste Transactions for NYD020396438 continued ---

| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| X726          | Unknown waste type.  | 55              | GALLONS        | GENERATED           | 1987 |                            |      |
| X940          | Unknown waste type.  | 11              | POUNDS         | GENERATED           | 1987 |                            |      |
| D000          | Unknown waste type.  | 300             | GALLONS        | GENERATED           | 1986 |                            |      |
| B009          | Unknown waste type.  | 600             | POUNDS         | GENERATED           | 1982 |                            |      |

NOTE: 2012 waste amounts are for 1/1/12 to 8/26/12 only

## Map Identification Number 694



## NYSDEC Name:

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

## NEW YORK HOSPITALNEW YORK PRESBYTERIAN HOSPITAL

1300 YORK AVENUE

NEW YORK PRESBYTERIAN HOSPITAL

1300 YORK AVENUE

NEW YORK, NY 10021

NEW YORK, NY 10021

## Facility Id: NYD068241132

TT-Id: 740A-0031-428

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 292 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: 525 EAST 68TH STREET

Revised zip code: NO CHANGE

US EPA RCRA Type: LARGE QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: 06/07/1985

Incinerator:

Transporter:

Contact Name: EDWARD FOMINYAM

Source Type: Annual/Biennial Report update with Notification

Contact Phone: 212-746-1927

Contact Info Date: 02/01/2012

Contact Name: RICHARD PIERCE

Source Type: Implementer

Contact Phone: 212-746-1927

Contact Info Date: 01/01/2007

Contact Name: CHARLES F BRENNAN

Source Type: Notification

Contact Phone: 212-472-5235

Contact Info Date: 06/07/1985

Contact Name: KENNETH CHIN

Source Type: Annual/Biennial Report

Contact Phone: 212-746-1929

Contact Info Date: 02/27/2008

## US EPA RCRA Violations:

Violation Type: Generators – Pre-transport

Violation Number: 0001 Location: NY

Former Citation:

Responsible Agency: STATE

Violation Determination Date: 05/22/2006

Violation Return to Compliance: 03/29/2007

Violation Type: TSD Interim Status-General Facility Standards

Violation Number: 0002 Location: NY

Former Citation:

Responsible Agency: STATE

Violation Determination Date: 05/22/2006

Violation Return to Compliance: 03/29/2007

Violation Type: TSD Int Stat-Contingency Plan and Emer Procedures

Violation Number: 0003 Location: NY

Former Citation:

Responsible Agency: STATE

Violation Determination Date: 05/22/2006

Violation Return to Compliance: 03/29/2007

Violation Type: Universal Waste – Small Quantity Handlers

Violation Number: 0004 Location: NY

Former Citation:

Responsible Agency: STATE

Violation Determination Date: 05/22/2006

Violation Return to Compliance: 03/29/2007

Violation Type: Universal Waste – Small Quantity Handlers  
 Violation Number: 0005 Location: NY  
 Former Citation:

Responsible Agency: STATE  
 Violation Determination Date: 05/22/2006  
 Violation Return to Compliance: 03/29/2007

Violation Type: Universal Waste – Small Quantity Handlers  
 Violation Number: 0006 Location: NY  
 Former Citation:

Responsible Agency: STATE  
 Violation Determination Date: 05/22/2006  
 Violation Return to Compliance: 03/29/2007

The following violation(s) were removed or have been significantly changed by the US EPA.

Violation Area: GENERATOR–ALL REQUIREMENTS  
 Violation Number: 0001 Location: NY  
 Citation:

Responsible Agency:  
 Violation Determination Date: 11/19/1993  
 Violation Return to Compliance:

Violation Area: GENERATOR–MANIFEST REQUIREMENTS  
 Violation Number: 0002 Location: NY  
 Citation:

Responsible Agency:  
 Violation Determination Date: 11/19/1993  
 Violation Return to Compliance:

#### NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE CODE                                                            | WASTE DESCRIPTION                                            | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR | HISTORIC MAXIMUM AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|--------------|-------------|------------------|------|-------------------------|------|
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability | 11254        | POUNDS      | GENERATED        | 2012 | 22162                   | 2011 |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  | 1340         | POUNDS      | GENERATED        | 2012 | 2141                    | 2000 |
| D008                                                                  | Lead                                                         | 715          | POUNDS      | GENERATED        | 2012 | 2010                    | 1999 |
| D009                                                                  | Mercury                                                      | 86           | POUNDS      | GENERATED        | 2012 | 829                     | 2007 |
| D011                                                                  | Silver                                                       | 6            | POUNDS      | GENERATED        | 2012 | 225                     | 2005 |
| More than one waste code was reported for the following waste amount: |                                                              | 320          | POUNDS      | GENERATED        | 2012 |                         |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |              |             |                  |      |                         |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |              |             |                  |      |                         |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1            | POUNDS      | GENERATED        | 2012 | 28                      | 2010 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |              |             |                  |      |                         |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |              |             |                  |      |                         |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |              |             |                  |      |                         |      |
| More than one waste code was reported for the following waste amount: |                                                              | 338          | GALLONS     | GENERATED        | 2012 | 621                     | 2011 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |              |             |                  |      |                         |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |              |             |                  |      |                         |      |
| D011                                                                  | Silver                                                       |              |             |                  |      |                         |      |

NYS DEC Manifested Waste Transactions for NYD068241132 continued ---

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 3               | POUNDS         | GENERATED           | 2012 | 10                         | 2009 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1492            | POUNDS         | GENERATED           | 2012 | 2169                       | 2011 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2012 | 17                         | 2008 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 80              | POUNDS         | GENERATED           | 2012 | 137                        | 2011 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 18              | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 42              | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 5849            | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 55              | POUNDS         | GENERATED           | 2012 | 1496                       | 2010 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D040                                                                  | Trichlorethylene                                             |                 |                |                     |      |                            |      |



## NYS DEC Manifested Waste Transactions for NYD068241132 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 1805            | GALLONS        | GENERATED           | 2012 | 5280                       | 2009 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 5906            | POUNDS         | GENERATED           | 2012 | 10178                      | 2010 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 248             | POUNDS         | GENERATED           | 2012 | 271                        | 2011 |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 53              | POUNDS         | GENERATED           | 2012 | 128                        | 2011 |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 222             | POUNDS         | GENERATED           | 2012 | 1822                       | 2011 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 81              | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U239                                                                  | Xylene (I)                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 245             | POUNDS         | GENERATED           | 2012 | 405                        | 2011 |
| U002                                                                  | Acetone (I)                                                  |                 |                |                     |      |                            |      |
| U015                                                                  | L-Serine, diazoacetate (ester)                               |                 |                |                     |      |                            |      |
| U035                                                                  | Chlorambucil                                                 |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                  |                 |                |                     |      |                            |      |
| U034                                                                  | Acetaldehyde, trichloro-                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 680             | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD068241132 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                                  | 170             | POUNDS         | GENERATED           | 2012 | 201                        | 2011 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                                   |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                                     |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (l)                                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 886             | POUNDS         | GENERATED           | 2012 | 1092                       | 2011 |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                                           |                 |                |                     |      |                            |      |
| D024                                                                  | m-Cresol                                                                         |                 |                |                     |      |                            |      |
| F001                                                                  | Spent halogenated solvents used in degreasing                                    |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 10556           | POUNDS         | GENERATED           | 2012 |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                                           |                 |                |                     |      |                            |      |
| D024                                                                  | m-Cresol                                                                         |                 |                |                     |      |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 49              | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                                           |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                                             |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                                         |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 340             | POUNDS         | GENERATED           | 2012 |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| P075                                                                  | Nicotine, & salts                                                                |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 672             | POUNDS         | GENERATED           | 2012 |                            |      |
| D034                                                                  | Hexachloroethane                                                                 |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                                           |                 |                |                     |      |                            |      |
| D024                                                                  | m-Cresol                                                                         |                 |                |                     |      |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                           |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD068241132 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 178             | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 223             | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (l)                                           |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (l)                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 2538            | POUNDS         | GENERATED           | 2012 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 180             | POUNDS         | GENERATED           | 2012 |                            |      |
| U022                                                                  | Benzo(a)pyrene                                               |                 |                |                     |      |                            |      |
| U015                                                                  | L-Serine, diazoacetate (ester)                               |                 |                |                     |      |                            |      |
| U035                                                                  | Chlorambucil                                                 |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                  |                 |                |                     |      |                            |      |
| U034                                                                  | Acetaldehyde, trichloro-                                     |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  | 80              | GALLONS        | GENERATED           | 2011 | 277                        | 2010 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   | 30              | POUNDS         | GENERATED           | 2011 |                            |      |
| D005                                                                  | Barium                                                       | 10              | POUNDS         | GENERATED           | 2011 | 100                        | 2008 |
| More than one waste code was reported for the following waste amount: |                                                              | 13              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 9               | POUNDS         | GENERATED           | 2011 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD068241132 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U125          | Furfural (I)                                                                     |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:            | 14              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D035          | Methyl ethyl ketone                                                              |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:            | 24              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| U012          | Benzenamine (I,T)                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:            | 38              | POUNDS         | GENERATED           | 2011 | 260                        | 2008 |
| D001          | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| U154          | Methyl alcohol (I)                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:            | 85              | POUNDS         | GENERATED           | 2011 |                            |      |
| D006          | Cadmium                                                                          |                 |                |                     |      |                            |      |
| D011          | Silver                                                                           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:            | 62              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| U122          | Formaldehyde                                                                     |                 |                |                     |      |                            |      |
| U154          | Methyl alcohol (I)                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:            | 4705            | POUNDS         | GENERATED           | 2011 |                            |      |
| D004          | Arsenic                                                                          |                 |                |                     |      |                            |      |
| P001          | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| P012          | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                     |                 |                |                     |      |                            |      |
| P075          | Nicotine, & salts                                                                |                 |                |                     |      |                            |      |
| P188          | Benzoic acid (OR) Physostigmine salicylate                                       |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:            | 9418            | POUNDS         | GENERATED           | 2011 |                            |      |
| D004          | Arsenic                                                                          |                 |                |                     |      |                            |      |
| P001          | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| P012          | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                     |                 |                |                     |      |                            |      |
| P188          | Benzoic acid (OR) Physostigmine salicylate                                       |                 |                |                     |      |                            |      |
| P075          | Nicotine, & salts                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:            | 75              | POUNDS         | GENERATED           | 2011 |                            |      |
| U002          | Acetone (I)                                                                      |                 |                |                     |      |                            |      |
| U015          | L-Serine, diazoacetate (ester)                                                   |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD068241132 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U036                                                                  | Chlordane, alpha & gamma isomers                                                 |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                      |                 |                |                     |      |                            |      |
| U034                                                                  | Acetaldehyde, trichloro-                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 215             | POUNDS         | GENERATED           | 2011 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                                   |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                                     |                 |                |                     |      |                            |      |
| U162                                                                  | 2-Propenoic acid, 2-methyl-, methyl ester (I,T)                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 337             | POUNDS         | GENERATED           | 2011 |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                                           |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                           |                 |                |                     |      |                            |      |
| D024                                                                  | m-Cresol                                                                         |                 |                |                     |      |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 896             | POUNDS         | GENERATED           | 2011 |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                                          |                 |                |                     |      |                            |      |
| D024                                                                  | m-Cresol                                                                         |                 |                |                     |      |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 630             | POUNDS         | GENERATED           | 2011 |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                     |                 |                |                     |      |                            |      |
| P075                                                                  | Nicotine, & salts                                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 558             | POUNDS         | GENERATED           | 2011 |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                     |                 |                |                     |      |                            |      |
| P188                                                                  | Benzoic acid (OR) Physostigmine salicylate                                       |                 |                |                     |      |                            |      |
| P078                                                                  | Nitrogen oxide NO <sub>2</sub>                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 451             | POUNDS         | GENERATED           | 2011 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                                   |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD068241132 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U122                                                                  | Formaldehyde                                                                     |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 132             | POUNDS         | GENERATED           | 2011 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                      |                 |                |                     |      |                            |      |
| D015                                                                  | Toxaphene (C10HIOCl8, Technical chlorinated camphene, 67-69 percent chlorine).   |                 |                |                     |      |                            |      |
| D035                                                                  | Methyl ethyl ketone                                                              |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                                         |                 |                |                     |      |                            |      |
| D034                                                                  | Hexachloroethane                                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 609             | POUNDS         | GENERATED           | 2011 |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| F001                                                                  | Spent halogenated solvents used in degreasing                                    |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As2O3                                                              |                 |                |                     |      |                            |      |
| P075                                                                  | Nicotine, & salts                                                                |                 |                |                     |      |                            |      |
| P188                                                                  | Benzoic acid (OR) Physostigmine salicylate                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 548             | POUNDS         | GENERATED           | 2011 |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     | 2489            | GALLONS        | GENERATED           | 2010 | 4408                       | 2009 |
| D009                                                                  | Mercury                                                                          | 100             | GALLONS        | GENERATED           | 2010 |                            |      |
| U080                                                                  | Methane, dichloro-                                                               | 20              | POUNDS         | GENERATED           | 2010 | 300                        | 1998 |
| U122                                                                  | Formaldehyde                                                                     | 307             | POUNDS         | GENERATED           | 2010 |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 82              | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                      |                 |                |                     |      |                            |      |
| U123                                                                  | Formic acid (C,T)                                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 27              | GALLONS        | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                       |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 7               | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                                          |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD068241132 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 15              | GALLONS        | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 10              | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 175             | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D035                                                                  | Methyl ethyl ketone                                          |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 180             | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D035                                                                  | Methyl ethyl ketone                                          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 250             | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 300             | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 50              | POUNDS         | GENERATED           | 2010 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 150             | GALLONS        | GENERATED           | 2010 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 21              | POUNDS         | GENERATED           | 2010 | 79                         | 2008 |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U123                                                                  | Formic acid (C,T)                                            |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD068241132 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                                  | 9               | POUNDS         | GENERATED           | 2010 |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 2327            | POUNDS         | GENERATED           | 2010 |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                     |                 |                |                     |      |                            |      |
| P042                                                                  | Epinephrine                                                                      |                 |                |                     |      |                            |      |
| P075                                                                  | Nicotine, & salts                                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 9466            | POUNDS         | GENERATED           | 2010 |                            |      |
| D010                                                                  | Selenium                                                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                       |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                              |                 |                |                     |      |                            |      |
| U075                                                                  | Dichlorodifluoromethane                                                          |                 |                |                     |      |                            |      |
| U089                                                                  | Phenol, 4,4-(1,2-diethyl-1,2-ethenediyl)bis-, (E)-                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 18              | POUNDS         | GENERATED           | 2010 | 45                         | 2009 |
| D022                                                                  | Chloroform                                                                       |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                              |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 40              | GALLONS        | GENERATED           | 2010 |                            |      |
| F002                                                                  | Spent halogenated solvents                                                       |                 |                |                     |      |                            |      |
| D039                                                                  | Tetrachloroethylene                                                              |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 265             | GALLONS        | GENERATED           | 2010 | 777                        | 2009 |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                      |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                           |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 8               | POUNDS         | GENERATED           | 2010 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                      |                 |                |                     |      |                            |      |
| D023                                                                  | o-Cresol                                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 3904            | POUNDS         | GENERATED           | 2010 | 6041                       | 2009 |
| D010                                                                  | Selenium                                                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                       |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                              |                 |                |                     |      |                            |      |
| U075                                                                  | Dichlorodifluoromethane                                                          |                 |                |                     |      |                            |      |



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| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                            | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U069                                                                  | 1,2-Benzenedicarboxylic acid, dibutyl ester                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                 | 8               | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                    |                 |                |                     |      |                            |      |
| U123                                                                  | Formic acid (C,T)                                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                 | 1713            | POUNDS         | GENERATED           | 2010 |                            |      |
| D010                                                                  | Selenium                                                                        |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                      |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                             |                 |                |                     |      |                            |      |
| U075                                                                  | Dichlorodifluoromethane                                                         |                 |                |                     |      |                            |      |
| U009                                                                  | 2-Propenenitrile                                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                 | 541             | POUNDS         | GENERATED           | 2010 | 724                        | 2009 |
| D010                                                                  | Selenium                                                                        |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                      |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                             |                 |                |                     |      |                            |      |
| U075                                                                  | Dichlorodifluoromethane                                                         |                 |                |                     |      |                            |      |
| U059                                                                  | 5,12-Naphthacenedione, 8-acetyl-10-((3-amino-2,3,6-trideoxy)-                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                 | 720             | POUNDS         | GENERATED           | 2010 |                            |      |
| U002                                                                  | Acetone (l)                                                                     |                 |                |                     |      |                            |      |
| U035                                                                  | Chlorambucil                                                                    |                 |                |                     |      |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide    |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                     |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                             |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                 | 115             | POUNDS         | GENERATED           | 2010 |                            |      |
| U080                                                                  | Methane, dichloro-                                                              |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (l)                                                              |                 |                |                     |      |                            |      |
| U205                                                                  | Selenium sulfide                                                                |                 |                |                     |      |                            |      |
| U129                                                                  | Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha,2alpha,3beta,4alpha,5alpha,6beta) |                 |                |                     |      |                            |      |
| U165                                                                  | Naphthalene                                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                 | 65              | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                    |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                                          |                 |                |                     |      |                            |      |
| D040                                                                  | Trichlorethylene                                                                |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD068241132 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                                  | 68              | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                       |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                                   |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                                     |                 |                |                     |      |                            |      |
| U239                                                                  | Xylene (I)                                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 61              | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D040                                                                  | Trichlorethylene                                                                 |                 |                |                     |      |                            |      |
| U228                                                                  | Ethene, trichloro-                                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 175             | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| F004                                                                  | Spent non-halogenated solvents                                                   |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 227             | POUNDS         | GENERATED           | 2010 |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| F001                                                                  | Spent halogenated solvents used in degreasing                                    |                 |                |                     |      |                            |      |
| F012                                                                  | Quenching waste water treatment sludges from metal heat treating operations      |                 |                |                     |      |                            |      |
| P188                                                                  | Benzoic acid (OR) Physostigmine salicylate                                       |                 |                |                     |      |                            |      |
| P075                                                                  | Nicotine, & salts                                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 151             | POUNDS         | GENERATED           | 2010 |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                     |                 |                |                     |      |                            |      |
| P076                                                                  | Nitric oxide                                                                     |                 |                |                     |      |                            |      |
| P188                                                                  | Benzoic acid (OR) Physostigmine salicylate                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 1013            | POUNDS         | GENERATED           | 2010 |                            |      |
| D010                                                                  | Selenium                                                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                       |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                              |                 |                |                     |      |                            |      |
| U073                                                                  | 3,3-Dichlorobenzidine                                                            |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                                          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 258             | POUNDS         | GENERATED           | 2010 |                            |      |
| D010                                                                  | Selenium                                                                         |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD068241132 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U075                                                                  | Dichlorodifluoromethane                                      |                 |                |                     |      |                            |      |
| U003                                                                  | Acetonitrile (l,T)                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 977             | POUNDS         | GENERATED           | 2010 |                            |      |
| D010                                                                  | Selenium                                                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U075                                                                  | Dichlorodifluoromethane                                      |                 |                |                     |      |                            |      |
| U008                                                                  | Acrylic acid (l)                                             |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 508             | POUNDS         | GENERATED           | 2010 |                            |      |
| D010                                                                  | Selenium                                                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U076                                                                  | Ethane, 1,1-dichloro-                                        |                 |                |                     |      |                            |      |
| U069                                                                  | 1,2-Benzenedicarboxylic acid, dibutyl ester                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 120             | POUNDS         | GENERATED           | 2010 |                            |      |
| U080                                                                  | Methane, dichloro-                                           |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (l)                                           |                 |                |                     |      |                            |      |
| U205                                                                  | Selenium sulfide                                             |                 |                |                     |      |                            |      |
| U128                                                                  | Hexachlorobutadiene                                          |                 |                |                     |      |                            |      |
| U165                                                                  | Naphthalene                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 225             | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D040                                                                  | Trichlorethylene                                             |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (l)                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 170             | POUNDS         | GENERATED           | 2010 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| F001                                                                  | Spent halogenated solvents used in degreasing                |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As2O3                                          |                 |                |                     |      |                            |      |
| P188                                                                  | Benzoic acid (OR) Physostigmine salicylate                   |                 |                |                     |      |                            |      |
| P075                                                                  | Nicotine, & salts                                            |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD068241132 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                                      | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                                           | 99              | POUNDS         | GENERATED           | 2010 |                            |      |
| D004                                                                  | Arsenic                                                                                   |                 |                |                     |      |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present          |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                              |                 |                |                     |      |                            |      |
| P185                                                                  |                                                                                           |                 |                |                     |      |                            |      |
| P075                                                                  | Nicotine, & salts                                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                           | 371             | POUNDS         | GENERATED           | 2010 |                            |      |
| D004                                                                  | Arsenic                                                                                   |                 |                |                     |      |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present          |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                              |                 |                |                     |      |                            |      |
| P188                                                                  | Benzoic acid (OR) Physostigmine salicylate                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                           | 402             | POUNDS         | GENERATED           | 2010 |                            |      |
| D004                                                                  | Arsenic                                                                                   |                 |                |                     |      |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present          |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                              |                 |                |                     |      |                            |      |
| P188                                                                  | Benzoic acid (OR) Physostigmine salicylate                                                |                 |                |                     |      |                            |      |
| P204                                                                  | Physostigmine (OR) Pyrrolo 2,3-b[ <i>indol</i> -5-ol, 1,2,3,3a,8,8a-hexahydro-1, 3a,8-tri |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                           | 212             | POUNDS         | GENERATED           | 2010 |                            |      |
| D010                                                                  | Selenium                                                                                  |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                                |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                                       |                 |                |                     |      |                            |      |
| U073                                                                  | 3,3-Dichlorobenzidine                                                                     |                 |                |                     |      |                            |      |
| U063                                                                  | Dibenz(a                                                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                           | 525             | POUNDS         | GENERATED           | 2010 |                            |      |
| D010                                                                  | Selenium                                                                                  |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                                |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                                       |                 |                |                     |      |                            |      |
| U075                                                                  | Dichlorodifluoromethane                                                                   |                 |                |                     |      |                            |      |
| U088                                                                  | 1,2-Benzenedicarboxylic acid, diethyl ester                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                           | 575             | POUNDS         | GENERATED           | 2010 |                            |      |
| D010                                                                  | Selenium                                                                                  |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                                |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                                       |                 |                |                     |      |                            |      |
| U078                                                                  | Ethene, 1,1-dichloro-                                                                     |                 |                |                     |      |                            |      |
| U083                                                                  | Propylene dichloride                                                                      |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD068241132 continued ---

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT YEAR |      |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|---------------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                                  | 100             | POUNDS         | GENERATED           | 2010 |                                 |      |
| U080                                                                  | Methane, dichloro-                                                               |                 |                |                     |      |                                 |      |
| U154                                                                  | Methyl alcohol (l)                                                               |                 |                |                     |      |                                 |      |
| U205                                                                  | Selenium sulfide                                                                 |                 |                |                     |      |                                 |      |
| U129                                                                  | Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha,2alpha,3beta,4alpha,5alpha,6beta)  |                 |                |                     |      |                                 |      |
| U185                                                                  | Benzene, pentachloronitro-                                                       |                 |                |                     |      |                                 |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 498             | POUNDS         | GENERATED           | 2010 |                                 |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                                 |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                                 |      |
| P012                                                                  | Arsenic oxide As2O3                                                              |                 |                |                     |      |                                 |      |
| P189                                                                  | Carbamic acid (OR) Carbosulfan                                                   |                 |                |                     |      |                                 |      |
| P075                                                                  | Nicotine, & salts                                                                |                 |                |                     |      |                                 |      |
| D006                                                                  | Cadmium                                                                          | 20              | POUNDS         | GENERATED           | 2009 |                                 |      |
| D024                                                                  | m-Cresol                                                                         | 15              | POUNDS         | GENERATED           | 2009 |                                 |      |
| F003                                                                  | Spent non-halogenated solvents                                                   | 15              | POUNDS         | GENERATED           | 2009 | 3631                            | 1991 |
| U200                                                                  | Yohimban-16-carboxylic acid                                                      | 8               | POUNDS         | GENERATED           | 2009 |                                 |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 40              | POUNDS         | GENERATED           | 2009 |                                 |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                                 |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                      |                 |                |                     |      |                                 |      |
| F003                                                                  | Spent non-halogenated solvents                                                   |                 |                |                     |      |                                 |      |
| U123                                                                  | Formic acid (C,T)                                                                |                 |                |                     |      |                                 |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 11              | POUNDS         | GENERATED           | 2009 |                                 |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                                 |      |
| D007                                                                  | Chromium                                                                         |                 |                |                     |      |                                 |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 200             | POUNDS         | GENERATED           | 2009 |                                 |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                                 |      |
| F003                                                                  | Spent non-halogenated solvents                                                   |                 |                |                     |      |                                 |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                      |                 |                |                     |      |                                 |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 10              | GALLONS        | GENERATED           | 2009 |                                 |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                                 |      |
| U154                                                                  | Methyl alcohol (l)                                                               |                 |                |                     |      |                                 |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 160             | POUNDS         | GENERATED           | 2009 |                                 |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                      |                 |                |                     |      |                                 |      |

NYS DEC Manifested Waste Transactions for NYD068241132 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D011                                                                  | Silver                                                                           |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 13              | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D035                                                                  | Methyl ethyl ketone                                                              |                 |                |                     |      |                            |      |
| U159                                                                  | 2-Butanone (I,T)                                                                 |                 |                |                     |      |                            |      |
| U162                                                                  | 2-Propenoic acid, 2-methyl-, methyl ester (I,T)                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 15              | POUNDS         | GENERATED           | 2009 |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As2O3                                                              |                 |                |                     |      |                            |      |
| P042                                                                  | Epinephrine                                                                      |                 |                |                     |      |                            |      |
| P075                                                                  | Nicotine, & salts                                                                |                 |                |                     |      |                            |      |
| P188                                                                  | Benzoic acid (OR) Physostigmine salicylate                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 947             | POUNDS         | GENERATED           | 2009 |                            |      |
| D010                                                                  | Selenium                                                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                       |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                              |                 |                |                     |      |                            |      |
| U073                                                                  | 3,3-Dichlorobenzidine                                                            |                 |                |                     |      |                            |      |
| U083                                                                  | Propylene dichloride                                                             |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 723             | POUNDS         | GENERATED           | 2009 |                            |      |
| D010                                                                  | Selenium                                                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                       |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                              |                 |                |                     |      |                            |      |
| U075                                                                  | Dichlorodifluoromethane                                                          |                 |                |                     |      |                            |      |
| U005                                                                  | 2-Acetylaminofluorene                                                            |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 987             | POUNDS         | GENERATED           | 2009 |                            |      |
| D010                                                                  | Selenium                                                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                       |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                              |                 |                |                     |      |                            |      |
| U076                                                                  | Ethane, 1,1-dichloro-                                                            |                 |                |                     |      |                            |      |
| U008                                                                  | Acrylic acid (I)                                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 56              | POUNDS         | GENERATED           | 2009 |                            |      |
| D011                                                                  | Silver                                                                           |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD068241132 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D024                                                                  | m-Cresol                                                     |                 |                |                     |      |                            |      |
| D026                                                                  | Cresol                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 56              | POUNDS         | GENERATED           | 2009 |                            |      |
| D024                                                                  | m-Cresol                                                     |                 |                |                     |      |                            |      |
| D026                                                                  | Cresol                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 38              | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D040                                                                  | Trichlorethylene                                             |                 |                |                     |      |                            |      |
| U080                                                                  | Methane, dichloro-                                           |                 |                |                     |      |                            |      |
| U228                                                                  | Ethene, trichloro-                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 848             | POUNDS         | GENERATED           | 2009 |                            |      |
| D010                                                                  | Selenium                                                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U075                                                                  | Dichlorodifluoromethane                                      |                 |                |                     |      |                            |      |
| U006                                                                  | Acetyl chloride (C,R,T)                                      |                 |                |                     |      |                            |      |
| U219                                                                  | Thiourea                                                     | 15              | POUNDS         | GENERATED           | 2008 | 180                        | 1991 |
| More than one waste code was reported for the following waste amount: |                                                              | 406             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (l)                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 15              | POUNDS         | GENERATED           | 2008 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 8               | POUNDS         | GENERATED           | 2008 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U134                                                                  | Hydrogen fluoride (C,T)                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 61              | POUNDS         | GENERATED           | 2008 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| F001                                                                  | Spent halogenated solvents used in degreasing                |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As2O3                                          |                 |                |                     |      |                            |      |
| P042                                                                  | Epinephrine                                                  |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD068241132 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| P075          | Nicotine, & salts                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:            | 10              | GALLONS        | GENERATED           | 2008 |                            |      |
| D004          | Arsenic                                                                          |                 |                |                     |      |                            |      |
| P001          | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| P012          | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                     |                 |                |                     |      |                            |      |
| P042          | Epinephrine                                                                      |                 |                |                     |      |                            |      |
| P075          | Nicotine, & salts                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:            | 50              | GALLONS        | GENERATED           | 2008 |                            |      |
| D010          | Selenium                                                                         |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                                       |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                              |                 |                |                     |      |                            |      |
| U075          | Dichlorodifluoromethane                                                          |                 |                |                     |      |                            |      |
| U089          | Phenol, 4,4-(1,2-diethyl-1,2-ethenediyl)bis-, (E)-                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:            | 80              | POUNDS         | GENERATED           | 2008 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D039          | Tetrachloroethylene                                                              |                 |                |                     |      |                            |      |
| U012          | Benzenamine (I,T)                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:            | 300             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| P001          | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| P012          | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                     |                 |                |                     |      |                            |      |
| P042          | Epinephrine                                                                      |                 |                |                     |      |                            |      |
| P075          | Nicotine, & salts                                                                |                 |                |                     |      |                            |      |
| P188          | Benzoic acid (OR) Physostigmine salicylate                                       |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:            | 500             | POUNDS         | GENERATED           | 2008 |                            |      |
| D010          | Selenium                                                                         |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                                       |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                                              |                 |                |                     |      |                            |      |
| U075          | Dichlorodifluoromethane                                                          |                 |                |                     |      |                            |      |
| U089          | Phenol, 4,4-(1,2-diethyl-1,2-ethenediyl)bis-, (E)-                               |                 |                |                     |      |                            |      |
| U121          | Methane, trichlorofluoro-                                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:            | 60              | GALLONS        | GENERATED           | 2008 |                            |      |
| D011          | Silver                                                                           |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |



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| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 200             | POUNDS         | GENERATED           | 2008 |                            |      |
| U154                                                                  | Methyl alcohol (I)                                           |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 12              | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D026                                                                  | Cresol                                                       |                 |                |                     |      |                            |      |
| U012                                                                  | Benzenamine (I,T)                                            |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 850             | POUNDS         | GENERATED           | 2008 |                            |      |
| D010                                                                  | Selenium                                                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U075                                                                  | Dichlorodifluoromethane                                      |                 |                |                     |      |                            |      |
| U083                                                                  | Propylene dichloride                                         |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      | 78              | POUNDS         | GENERATED           | 2007 | 96                         | 2006 |
| U121                                                                  | Methane, trichlorofluoro-                                    | 40              | GALLONS        | GENERATED           | 2007 |                            |      |
| U162                                                                  | 2-Propenoic acid, 2-methyl-, methyl ester (I,T)              | 125             | POUNDS         | GENERATED           | 2007 |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 300             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U112                                                                  | Acetic acid ethyl ester (I)                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 20              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 25              | POUNDS         | GENERATED           | 2007 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 40              | POUNDS         | GENERATED           | 2007 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 250             | POUNDS         | GENERATED           | 2007 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD068241132 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 55              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| U012                                                                  | Benzenamine (I,T)                                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 20              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| U012                                                                  | Benzenamine (I,T)                                                                |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 200             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (I)                                                               |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 15              | POUNDS         | GENERATED           | 2007 |                            |      |
| U012                                                                  | Benzenamine (I,T)                                                                |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 35              | POUNDS         | GENERATED           | 2007 |                            |      |
| U012                                                                  | Benzenamine (I,T)                                                                |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                                         | 160             | POUNDS         | GENERATED           | 2006 | 200                        | 2004 |
| F003                                                                  | Spent non-halogenated solvents                                                   | 3290            | GALLONS        | GENERATED           | 2006 | 3510                       | 2003 |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present | 240             | POUNDS         | GENERATED           | 2006 |                            |      |
| P006                                                                  | Aluminum phosphide (R,T)                                                         | 10              | POUNDS         | GENERATED           | 2006 |                            |      |
| U012                                                                  | Benzenamine (I,T)                                                                | 29              | POUNDS         | GENERATED           | 2006 | 220                        | 2005 |
| U044                                                                  | Methane, trichloro-                                                              | 300             | POUNDS         | GENERATED           | 2006 | 500                        | 2004 |
| U122                                                                  | Formaldehyde                                                                     | 5               | GALLONS        | GENERATED           | 2006 | 50                         | 2000 |
| U129                                                                  | Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha,2alpha,3beta,4alpha,5alpha,6beta)  | 125             | POUNDS         | GENERATED           | 2006 |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 20              | POUNDS         | GENERATED           | 2006 |                            |      |
| D022                                                                  | Chloroform                                                                       |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                                          |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD068241132 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                       | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U012          | Benzenamine (I,T)                                          |                 |                |                     |      |                            |      |
| U044          | Methane, trichloro-                                        |                 |                |                     |      |                            |      |
| D010          | Selenium                                                   | 15              | GALLONS        | GENERATED           | 2005 |                            |      |
| D022          | Chloroform                                                 | 4300            | POUNDS         | GENERATED           | 2005 | 11700                      | 2002 |
| P105          | Sodium azide                                               | 10              | POUNDS         | GENERATED           | 2005 | 26                         | 1999 |
| U002          | Acetone (I)                                                | 200             | POUNDS         | GENERATED           | 2005 |                            |      |
| U075          | Dichlorodifluoromethane                                    | 409             | POUNDS         | GENERATED           | 2005 |                            |      |
| U112          | Acetic acid ethyl ester (I)                                | 180             | POUNDS         | GENERATED           | 2005 |                            |      |
| U123          | Formic acid (C,T)                                          | 28              | POUNDS         | GENERATED           | 2005 | 35                         | 1995 |
| U154          | Methyl alcohol (I)                                         | 200             | POUNDS         | GENERATED           | 2005 |                            |      |
| U188          | Phenol                                                     | 20              | POUNDS         | GENERATED           | 2005 | 80                         | 1988 |
| P012          | Arsenic oxide As2O3                                        | 50              | POUNDS         | GENERATED           | 2004 |                            |      |
| U132          | Phenol                                                     | 80              | POUNDS         | GENERATED           | 2004 |                            |      |
| U213          | Tetrahydrofuran (I)                                        | 200             | POUNDS         | GENERATED           | 2004 |                            |      |
| D007          | Chromium                                                   | 150             | POUNDS         | GENERATED           | 2003 | 260                        | 2001 |
| F005          | Spent non-halogenated solvents                             | 10              | POUNDS         | GENERATED           | 2003 | 370                        | 1999 |
| U147          | 2,5-Furandione                                             | 8               | POUNDS         | GENERATED           | 2003 |                            |      |
| U151          | Mercury                                                    | 15              | POUNDS         | GENERATED           | 2003 | 96                         | 1995 |
| B001          | PCB Oil (concentrated) from transformers, capacitors, etc. | 40              | POUNDS         | GENERATED           | 2002 |                            |      |
| P087          | Osmium oxide OsO4, (T-4)-                                  | 18              | POUNDS         | GENERATED           | 2002 | 20                         | 2001 |
| U117          | Ethyl ether (I)                                            | 40              | POUNDS         | GENERATED           | 2000 | 60                         | 1999 |
| P008          | 4-Aminopyridine                                            | 10              | POUNDS         | GENERATED           | 1999 |                            |      |
| P048          | 2,4-Dinitrophenol                                          | 8               | POUNDS         | GENERATED           | 1999 |                            |      |
| P106          | Sodium cyanide Na(CN)                                      | 7               | POUNDS         | GENERATED           | 1999 | 9                          | 1998 |
| U001          | Ethanal (I)                                                | 200             | POUNDS         | GENERATED           | 1999 |                            |      |
| U007          | 2-Propenamide                                              | 50              | POUNDS         | GENERATED           | 1999 |                            |      |
| U021          | Benzidine                                                  | 9               | POUNDS         | GENERATED           | 1999 | 40                         | 1998 |
| U022          | Benzo(a)pyrene                                             | 45              | POUNDS         | GENERATED           | 1999 |                            |      |
| U031          | n-Butyl alcohol (I)                                        | 45              | POUNDS         | GENERATED           | 1999 |                            |      |
| U077          | Ethane, 1,2-dichloro-                                      | 10              | POUNDS         | GENERATED           | 1999 | 10                         | 1994 |
| U196          | Pyridine                                                   | 18              | POUNDS         | GENERATED           | 1999 |                            |      |
| U088          | 1,2-Benzenedicarboxylic acid, diethyl ester                | 170             | POUNDS         | GENERATED           | 1998 |                            |      |
| U091          | (1,1-Biphenyl)-4,4-diamine, 3,3-dimethoxy-                 | 8               | POUNDS         | GENERATED           | 1998 | 160                        | 1991 |
| U165          | Naphthalene                                                | 11              | POUNDS         | GENERATED           | 1997 |                            |      |
| P108          | Strychnine, & salts                                        | 16              | POUNDS         | GENERATED           | 1995 |                            |      |
| U136          | Cacodylic acid                                             | 12              | POUNDS         | GENERATED           | 1995 |                            |      |
| F002          | Spent halogenated solvents                                 | 10              | POUNDS         | GENERATED           | 1994 | 2971                       | 1990 |
| P024          | p-Chloroaniline                                            | 10              | POUNDS         | GENERATED           | 1992 |                            |      |
| P077          | p-Nitroaniline                                             | 16              | POUNDS         | GENERATED           | 1991 |                            |      |

## NYS DEC Manifested Waste Transactions for NYD068241132 continued ---

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                      | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U108          | 1,4-Diethyleneoxide                                       | 9               | POUNDS         | GENERATED           | 1991 |                            |      |
| P098          | Potassium cyanide K(CN)                                   | 14              | POUNDS         | GENERATED           | 1989 |                            |      |
| U201          | 1,3-Benzenediol                                           | 11              | POUNDS         | GENERATED           | 1989 |                            |      |
| P030          | Cyanides (soluble cyanide salts), not otherwise specified | 560             | POUNDS         | GENERATED           | 1986 |                            |      |

NOTE: 2012 waste amounts are for 1/1/12 to 8/26/12 only

## Map Identification Number 695



## NYSDEC Name:

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

## CONSOLIDATED EDISON

69TH ST &amp; YORK AVE – MH 57127

CON EDISON

COR YORK AVE 22 FT S OF E 69TH  
ST

NEW YORK, NY 10020

NEW YORK, NY 10012

## Facility Id: NYP004200390

TT-Id: 740A-0073-282

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 295 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: E 69TH ST / YORK AVE

Revised zip code:

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Contact Name: DENNIS MICHAELIDES

Source Type: Emergency

Notification date: None Given

Incinerator:

Transporter:

Contact Phone: 718-204-4297 Contact Info Date: 12/19/2009

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
|               | More than one waste code was reported for the following waste amount:         | 90              | KILOGRAMS      | GENERATED           | 2009 |                            |      |
| D008          | Lead                                                                          |                 |                |                     |      |                            |      |
| B007          | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. |                 |                |                     |      |                            |      |

**Map Identification Number 696****NYSDEC Name:**

NYSDEC Address:

**CONSOLIDATED EDISON**

MH57127-YORK AVE &amp; 6998

NEW YORK, NY 10003

**Facility Id: NYP004127569**

TT-Id: 740A-0031-447

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 295 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: YORK AVE / E 69TH ST

Revised zip code: 10021

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

**NYS DEC Manifested Waste Summary:**

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| B003          | Petroleum oil or other liquid containing 500 ppm or greater of PCBs.          | 400             | KILOGRAMS      | GENERATED           | 2004 |                            |      |
| B007          | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 99              | KILOGRAMS      | GENERATED           | 2004 |                            |      |

**Map Identification Number 697****NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CONSOLIDATED EDISON**

MH57127-E 69TH ST &amp; YORK AVE

CON EDISON - MANHOLE M57127

C/O E YORK AV 22 S/O E 69 ST

NEW YORK, NY

NEW YORK, NY 10001

**Facility Id: NYP004128120**

TT-Id: 740A-0029-283

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 295 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: E 69TH ST / YORK AVE

Revised zip code: 10021

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: FRANKLIN MURRAY

Source Type: Implementer

Contact Phone: 212-460-2808

Contact Info Date: 02/23/2006

Contact Name: FRANKLIN MURRAY

Source Type: Annual/Biennial Report

Contact Phone: 212-460-2808

Contact Info Date: 02/21/2006

Historically listed as the following USEPA RCRA Generator Size(s) as well:

LARGE QUANTITY GENERATOR

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| B003          | Petroleum oil or other liquid containing 500 ppm or greater of PCBs.          | 709             | KILOGRAMS      | GENERATED           | 2005 |                            |      |
| B007          | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 458             | KILOGRAMS      | GENERATED           | 2005 |                            |      |
| D008          | Lead                                                                          | 50              | POUNDS         | GENERATED           | 2005 |                            |      |

## Map Identification Number 698



## NYSDEC Name:

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

## CONSOLIDATED EDISON

C/O YORK AVE 22' S/O E 69 ST

CON EDISON – MANHOLE 57127

C/O YORK AVE 22' S/O E 69 ST

NEW YORK, NY 10016

NEW YORK, NY 10016

## Facility Id: NYP004164109

TT-Id: 740A-0066-354

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 295 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: E 69TH ST / YORK AVE

Revised zip code:

US EPA RCRA Type: LARGE QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: FRANKLYN MURRAY

Source Type: Annual/Biennial Report update with Notification

Contact Phone: 212-460-2808

Contact Info Date: 03/23/2010

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| B002                                                                  | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm              | 440             | KILOGRAMS      | GENERATED           | 2009 |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                               | 20              | KILOGRAMS      | GENERATED           | 2009 |                            |      |
| D008                                                                  | Lead                                                                          |                 |                |                     |      |                            |      |
| B007                                                                  | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                               | 800             | KILOGRAMS      | GENERATED           | 2009 |                            |      |
| D008                                                                  | Lead                                                                          |                 |                |                     |      |                            |      |
| B002                                                                  | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm              |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYP004164109 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|

B007 Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.

**Map Identification Number 699****NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**MEMORIAL SLOAN KETTERING CANCER CENTER**

1275 YORK AVE

MEMORIAL SLOAN KETTERING CANCER CENTER

1275 YORK AVE

NEW YORK, NY 10065

NEW YORK, NY 10065

**Facility Id: NYD075265157**

TT-Id: 740A-0027-834

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 338 feet to the NW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: 10021

US EPA RCRA Type: LARGE QUANTITY GENERATOR

Land Disposal:

Storer:

Receives offsite waste:

Treatment facility:

Notification date: 08/18/1981

Part A notification date: 04/28/1982

Incinerator:

Transporter:

Contact Name: FRANKLIN PEARCE

Contact Name: CYNTHIA PADIN

Contact Name: CYNTHIA PADIN

Contact Name: FRANKLIN PEARCE

Contact Name: CYNTHIA PADIN

Source Type: Part A

Source Type: Annual/Biennial Report update with Notification

Source Type: Implementer

Source Type: Notification

Source Type: Annual/Biennial Report

Contact Phone: 212-794-8081

Contact Phone: 646-888-2280

Contact Phone: 212-639-8559

Contact Phone: 212-794-8081

Contact Phone: 646-888-2280

Contact Info Date: 04/28/1982

Contact Info Date: 02/26/2010

Contact Info Date: 01/01/2007

Contact Info Date: 08/18/1981

Contact Info Date: 01/22/2008

**US EPA RCRA Violations:**

Violation Type: Generators - General

Violation Number: 0001 Location: NY

Former Citation:

Responsible Agency:

STATE

Violation Determination Date:

04/24/1985

Violation Return to Compliance:

12/19/1985

Violation Type: Generators - General

Violation Number: 0001 Location: NY

Former Citation:

Responsible Agency:

EPA

Violation Determination Date:

03/03/2003

Violation Return to Compliance:

08/11/2004

**NYS DEC Manifested Waste Summary:**

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D001          | Solid waste that exhibits the characteristic of ignitability | 573             | POUNDS         | GENERATED           | 2012 | 51995                      | 2005 |
| D002          | Solid waste that exhibits the characteristic of corrosivity  | 856             | POUNDS         | GENERATED           | 2012 | 33555                      | 1996 |

## NYS DEC Manifested Waste Transactions for NYD075265157 continued ---

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D005                                                                  | Barium                                                                       | 50              | POUNDS         | GENERATED           | 2012 | 3000                       | 1990 |
| D008                                                                  | Lead                                                                         | 20              | POUNDS         | GENERATED           | 2012 | 1380                       | 1990 |
| D009                                                                  | Mercury                                                                      | 5               | POUNDS         | GENERATED           | 2012 | 16605                      | 1999 |
| D022                                                                  | Chloroform                                                                   | 2885            | POUNDS         | GENERATED           | 2012 | 13030                      | 2006 |
| F002                                                                  | Spent halogenated solvents                                                   | 100             | POUNDS         | GENERATED           | 2012 | 36220                      | 1998 |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide | 120             | POUNDS         | GENERATED           | 2012 | 600                        | 2004 |
| More than one waste code was reported for the following waste amount: |                                                                              | 75              | POUNDS         | GENERATED           | 2012 | 1020                       | 2008 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 60              | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 5570            | POUNDS         | GENERATED           | 2012 | 11430                      | 2011 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 28              | POUNDS         | GENERATED           | 2012 | 55                         | 2006 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 90              | POUNDS         | GENERATED           | 2012 | 160                        | 2009 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 680             | POUNDS         | GENERATED           | 2012 | 1558                       | 2011 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 12680           | POUNDS         | GENERATED           | 2012 | 15435                      | 2011 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 50              | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |



NYS DEC Manifested Waste Transactions for NYD075265157 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F005          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 20              | POUNDS         | GENERATED           | 2012 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| U122          | Formaldehyde                                                                 |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 360             | POUNDS         | GENERATED           | 2012 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 100             | POUNDS         | GENERATED           | 2012 | 954                        | 2011 |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 720             | POUNDS         | GENERATED           | 2012 | 2125                       | 2011 |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 60              | GALLONS        | GENERATED           | 2012 |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 40              | POUNDS         | GENERATED           | 2012 | 180                        | 2006 |
| U058          | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U150          | Melphalan                                                                    |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 10              | POUNDS         | GENERATED           | 2012 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                                     |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 40              | POUNDS         | GENERATED           | 2012 |                            |      |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
| P105          | Sodium azide                                                                 |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 40              | POUNDS         | GENERATED           | 2012 | 550                        | 2010 |
| U058          | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |

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| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 17420           | POUNDS         | GENERATED           | 2012 | 34120                      | 2011 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                                      |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 120             | POUNDS         | GENERATED           | 2012 | 240                        | 2009 |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 240             | POUNDS         | GENERATED           | 2012 | 370                        | 2011 |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| U059                                                                  | 5,12-Naphthacenedione, 8-acetyl-10-((3-amino-2,3,6-trideoxy)-                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 5440            | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                                      |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 11280           | POUNDS         | GENERATED           | 2012 | 12540                      | 2011 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                                      |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 60              | POUNDS         | GENERATED           | 2012 | 180                        | 2011 |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |

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| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| U059                                                                  | 5,12-Naphthacenedione, 8-acetyl-10-((3-amino-2,3,6-trideoxy)-                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 500             | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| F008                                                                  | Plating bath residues from the bottom of plating baths                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 3000            | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                                      |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 2800            | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F008                                                                  | Plating bath residues from the bottom of plating baths                       |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                                      |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 60              | POUNDS         | GENERATED           | 2012 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                                     |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As2O3                                                          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 60              | POUNDS         | GENERATED           | 2012 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U059                                                                  | 5,12-Naphthacenedione, 8-acetyl-10-((3-amino-2,3,6-trideoxy)-                |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As2O3                                                          |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                   | 15              | POUNDS         | GENERATED           | 2011 | 740                        | 2004 |
| P105                                                                  | Sodium azide                                                                 | 40              | POUNDS         | GENERATED           | 2011 | 500                        | 2004 |
| U059                                                                  | 5,12-Naphthacenedione, 8-acetyl-10-((3-amino-2,3,6-trideoxy)-                | 50              | POUNDS         | GENERATED           | 2011 |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 60              | POUNDS         | GENERATED           | 2011 | 60                         | 2008 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |

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| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 50              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 320             | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 440             | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 800             | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 40              | POUNDS         | GENERATED           | 2011 | 50                         | 2007 |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2011 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 25              | POUNDS         | GENERATED           | 2011 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D007          | Chromium                                                              |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 12              | POUNDS         | GENERATED           | 2011 | 40                         | 2007 |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 120             | POUNDS         | GENERATED           | 2011 | 300                        | 2006 |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD075265157 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 30              | POUNDS         | GENERATED           | 2011 |                            |      |
| U058          | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U059          | 5,12-Naphthacenedione, 8-acetyl-10-((3-amino-2,3,6-trideoxy)-                |                 |                |                     |      |                            |      |
| U150          | Melphalan                                                                    |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 350             | POUNDS         | GENERATED           | 2011 |                            |      |
| U188          | Phenol                                                                       |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 4660            | POUNDS         | GENERATED           | 2011 | 20920                      | 2007 |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                                      |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                                     |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 40              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                                      |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 80              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                       |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 690             | POUNDS         | GENERATED           | 2011 |                            |      |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                       |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 430             | POUNDS         | GENERATED           | 2011 |                            |      |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 175             | POUNDS         | GENERATED           | 2011 | 1749                       | 2010 |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD075265157 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 3120            | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| D010          | Selenium                                                              |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                              |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 60              | POUNDS         | GENERATED           | 2011 |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| D005          | Barium                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 40              | POUNDS         | GENERATED           | 2011 |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
| P105          | Sodium azide                                                          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 50              | POUNDS         | GENERATED           | 2011 |                            |      |
| U183          | Benzene, pentachloro-                                                 |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 20              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                               |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| D028          | 1,2-Dichloroethane                                                    |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 2120            | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                               |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| D033          | Hexachlorobutadiene                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2011 |                            |      |
| U053          | 2-Butenal                                                             |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                           |                 |                |                     |      |                            |      |
| P012          | Arsenic oxide As2O3                                                   |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD075265157 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 30              | POUNDS         | GENERATED           | 2011 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 60              | POUNDS         | GENERATED           | 2011 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| U012                                                                  | Benzenamine (I,T)                                                            |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 60              | POUNDS         | GENERATED           | 2011 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 20              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                                      |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                                       | 120             | POUNDS         | GENERATED           | 2010 | 7955                       | 1990 |
| More than one waste code was reported for the following waste amount: |                                                                              | 100             | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 180             | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| F001                                                                  | Spent halogenated solvents used in degreasing                                |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD075265157 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 400             | GALLONS        | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 100             | POUNDS         | GENERATED           | 2010 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 10              | POUNDS         | GENERATED           | 2010 |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 50              | POUNDS         | GENERATED           | 2010 | 6200                       | 2008 |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 40              | POUNDS         | GENERATED           | 2010 |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 40              | POUNDS         | GENERATED           | 2010 |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 2920            | POUNDS         | GENERATED           | 2010 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 80              | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 100             | POUNDS         | GENERATED           | 2010 |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |



NYS DEC Manifested Waste Transactions for NYD075265157 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                              | 120             | POUNDS         | GENERATED           | 2010 | 120                        | 2009 |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As2O3                                                          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 40              | POUNDS         | GENERATED           | 2010 | 90                         | 2007 |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As2O3                                                          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 50              | POUNDS         | GENERATED           | 2010 | 150                        | 2009 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F001                                                                  | Spent halogenated solvents used in degreasing                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 480             | POUNDS         | GENERATED           | 2010 | 720                        | 2009 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                                      |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 120             | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 150             | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD075265157 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D018          | BENZENE                                                                      |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 225             | POUNDS         | GENERATED           | 2010 | 440                        | 2009 |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 90              | POUNDS         | GENERATED           | 2010 |                            |      |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                       |                 |                |                     |      |                            |      |
| D008          | Lead                                                                         |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 60              | POUNDS         | GENERATED           | 2010 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                                      |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U058          | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U150          | Melphalan                                                                    |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| U035          | Chlorambucil                                                                 |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 1200            | POUNDS         | GENERATED           | 2010 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                                      |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                                     |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 1920            | POUNDS         | GENERATED           | 2010 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                                      |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
| D030          | 2,4-Dinitrotoluene                                                           |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD075265157 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                                  | 50              | POUNDS         | GENERATED           | 2010 |                            |      |
| D022                                                                  | Chloroform                                                                       |                 |                |                     |      |                            |      |
| U138                                                                  | Methane, iodo-                                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 50              | POUNDS         | GENERATED           | 2010 |                            |      |
| P105                                                                  | Sodium azide                                                                     |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                                    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 60              | POUNDS         | GENERATED           | 2010 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide     |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                      |                 |                |                     |      |                            |      |
| F012                                                                  | Quenching waste water treatment sludges from metal heat treating operations      |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                        |                 |                |                     |      |                            |      |
| U059                                                                  | 5,12-Naphthacenedione, 8-acetyl-10-((3-amino-2,3,6-trideoxy)-                    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide     |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                      |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As2O3                                                              |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                        |                 |                |                     |      |                            |      |
| U059                                                                  | 5,12-Naphthacenedione, 8-acetyl-10-((3-amino-2,3,6-trideoxy)-                    |                 |                |                     |      |                            |      |
| U206                                                                  | Streptozotocin                                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 40              | POUNDS         | GENERATED           | 2010 |                            |      |
| U188                                                                  | Phenol                                                                           |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                       |                 |                |                     |      |                            |      |
| P105                                                                  | Sodium azide                                                                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                           | 40              | POUNDS         | GENERATED           | 2009 | 595                        | 2006 |
| D012                                                                  | Endrin(1,2,3,4,10,10-hexachloro-1,7-epoxy- 1,4,4a,5,6,7,8,8a-octahydro-1,4-endo, | 350             | POUNDS         | GENERATED           | 2009 |                            |      |
| U075                                                                  | Dichlorodifluoromethane                                                          | 30              | POUNDS         | GENERATED           | 2009 | 37                         | 2006 |
| U176                                                                  | N-Nitroso-N-ethylurea                                                            | 60              | POUNDS         | GENERATED           | 2009 |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 20              | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 80              | POUNDS         | GENERATED           | 2009 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                      |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                                   |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD075265157 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                              | 80              | POUNDS         | GENERATED           | 2009 | 8800                       | 2008 |
| D006                                                                  | Cadmium                                                                      |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 60              | POUNDS         | GENERATED           | 2009 |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 100             | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 330             | POUNDS         | GENERATED           | 2009 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 2120            | POUNDS         | GENERATED           | 2009 | 3680                       | 2008 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                                      |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| D028                                                                  | 1,2-Dichloroethane                                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 90              | POUNDS         | GENERATED           | 2009 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 210             | POUNDS         | GENERATED           | 2009 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| U035                                                                  | Chlorambucil                                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 60              | POUNDS         | GENERATED           | 2009 | 100                        | 2008 |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD075265157 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 50              | POUNDS         | GENERATED           | 2009 |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 40              | POUNDS         | GENERATED           | 2009 |                            |      |
| D032                                                                  | Hexachlorobenzene                                                            |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 190             | POUNDS         | GENERATED           | 2009 |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| U050                                                                  | Chrysene                                                                     |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 60              | POUNDS         | GENERATED           | 2009 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| U035                                                                  | Chlorambucil                                                                 |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                                     | 170             | POUNDS         | GENERATED           | 2008 | 740                        | 2004 |
| More than one waste code was reported for the following waste amount: |                                                                              | 40              | POUNDS         | GENERATED           | 2008 | 100                        | 2006 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 1200            | POUNDS         | GENERATED           | 2008 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                                      |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                                         |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD075265157 continued ---

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 2200            | POUNDS         | GENERATED           | 2008 |                            |      |
| D006                                                                  | Cadmium                                                      |                 |                |                     |      |                            |      |
| D010                                                                  | Selenium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 320             | POUNDS         | GENERATED           | 2008 | 880                        | 2007 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1280            | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1280            | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1040            | POUNDS         | GENERATED           | 2008 | 2520                       | 2007 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 50              | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 3160            | POUNDS         | GENERATED           | 2008 |                            |      |
| D006                                                                  | Cadmium                                                      |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD075265157 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D008          | Lead                                                                         |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 40              | POUNDS         | GENERATED           | 2008 |                            |      |
| D011          | Silver                                                                       |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 80              | POUNDS         | GENERATED           | 2008 |                            |      |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
| D008          | Lead                                                                         |                 |                |                     |      |                            |      |
| D006          | Cadmium                                                                      |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 60              | POUNDS         | GENERATED           | 2008 |                            |      |
| U058          | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| P012          | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |
| U150          | Melphalan                                                                    |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 110             | POUNDS         | GENERATED           | 2008 |                            |      |
| U058          | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| U035          | Chlorambucil                                                                 |                 |                |                     |      |                            |      |
| U150          | Melphalan                                                                    |                 |                |                     |      |                            |      |
| P012          | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 30              | POUNDS         | GENERATED           | 2008 |                            |      |
| U058          | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U150          | Melphalan                                                                    |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 40              | POUNDS         | GENERATED           | 2008 |                            |      |
| U119          | Methanesulfonic acid, ethyl ester                                            |                 |                |                     |      |                            |      |
| D011          | Silver                                                                       |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 920             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                                      |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD075265157 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                              | 80              | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 75              | POUNDS         | GENERATED           | 2008 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 50              | POUNDS         | GENERATED           | 2008 |                            |      |
| D010                                                                  | Selenium                                                                     |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 100             | POUNDS         | GENERATED           | 2008 |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| U128                                                                  | Hexachlorobutadiene                                                          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 60              | POUNDS         | GENERATED           | 2008 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| F006                                                                  | Wastewater treatment sludges from electroplating operations                  |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 30              | POUNDS         | GENERATED           | 2008 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| U059                                                                  | 5,12-Naphthacenedione, 8-acetyl-10-((3-amino-2,3,6-trideoxy)-                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 60              | POUNDS         | GENERATED           | 2008 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| P102                                                                  | Propargyl alcohol                                                            |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 30              | POUNDS         | GENERATED           | 2008 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |



NYS DEC Manifested Waste Transactions for NYD075265157 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| U035                                                                  | Chlorambucil                                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 60              | POUNDS         | GENERATED           | 2008 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                    |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |
| U059                                                                  | 5,12-Naphthacenedione, 8-acetyl-10-((3-amino-2,3,6-trideoxy)-                |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                                      | 40              | POUNDS         | GENERATED           | 2007 | 1200                       | 1993 |
| F003                                                                  | Spent non-halogenated solvents                                               | 30              | POUNDS         | GENERATED           | 2007 | 52204                      | 1996 |
| P087                                                                  | Osmium oxide OsO <sub>4</sub> , (T-4)-                                       | 40              | POUNDS         | GENERATED           | 2007 | 350                        | 1985 |
| More than one waste code was reported for the following waste amount: |                                                                              | 10              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 20              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                       |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 140             | POUNDS         | GENERATED           | 2007 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 40              | POUNDS         | GENERATED           | 2007 |                            |      |
| D007                                                                  | Chromium                                                                     |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 420             | POUNDS         | GENERATED           | 2007 | 558                        | 2006 |
| F003                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 160             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                   |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD075265157 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F002          | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 80              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                                      |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 50              | POUNDS         | GENERATED           | 2007 |                            |      |
| D005          | Barium                                                                       |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 150             | POUNDS         | GENERATED           | 2007 |                            |      |
| D018          | BENZENE                                                                      |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                                      |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 40              | POUNDS         | GENERATED           | 2007 |                            |      |
| U058          | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| P002          | Acetamide, N-(aminothioxomethyl)-                                            |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| U150          | Melphalan                                                                    |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 60              | POUNDS         | GENERATED           | 2007 |                            |      |
| U058          | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| U035          | Chlorambucil                                                                 |                 |                |                     |      |                            |      |
| U150          | Melphalan                                                                    |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 60              | POUNDS         | GENERATED           | 2007 |                            |      |
| U058          | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
| U010          | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| U150          | Melphalan                                                                    |                 |                |                     |      |                            |      |
| U037          | Benzene, chloro-                                                             |                 |                |                     |      |                            |      |
| P012          | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD075265157 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                               | 20              | POUNDS         | GENERATED           | 2007 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide  |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                   |                 |                |                     |      |                            |      |
| U237                                                                  | Uracil mustard                                                                |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                     |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                               | 80              | POUNDS         | GENERATED           | 2007 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide  |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                     |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                  |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                               | 90              | POUNDS         | GENERATED           | 2007 |                            |      |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide  |                 |                |                     |      |                            |      |
| U150                                                                  | Melphalan                                                                     |                 |                |                     |      |                            |      |
| U010                                                                  | Mitomycin C                                                                   |                 |                |                     |      |                            |      |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                  |                 |                |                     |      |                            |      |
| U237                                                                  | Uracil mustard                                                                |                 |                |                     |      |                            |      |
| B003                                                                  | Petroleum oil or other liquid containing 500 ppm or greater of PCBs.          | 182             | KILOGRAMS      | GENERATED           | 2006 | 320                        | 2005 |
| B004                                                                  | PCB Articles containing 50 ppm or greater of PCBs but less than 500 ppm PCBs. | 82              | KILOGRAMS      | GENERATED           | 2006 |                            |      |
| D007                                                                  | Chromium                                                                      | 140             | POUNDS         | GENERATED           | 2006 | 2790                       | 1999 |
| F003                                                                  | Spent non-halogenated solvents                                                | 2               | LITERS         | GENERATED           | 2006 |                            |      |
| U002                                                                  | Acetone (l)                                                                   | 220             | POUNDS         | GENERATED           | 2006 |                            |      |
| U006                                                                  | Acetyl chloride (C,R,T)                                                       | 18              | POUNDS         | GENERATED           | 2006 |                            |      |
| U007                                                                  | 2-Propenamide                                                                 | 340             | POUNDS         | GENERATED           | 2006 | 1480                       | 2002 |
| U022                                                                  | Benzo(a)pyrene                                                                | 105             | POUNDS         | GENERATED           | 2006 |                            |      |
| U031                                                                  | n-Butyl alcohol (l)                                                           | 50              | POUNDS         | GENERATED           | 2006 |                            |      |
| U044                                                                  | Methane, trichloro-                                                           | 130             | POUNDS         | GENERATED           | 2006 | 3130                       | 1987 |
| U080                                                                  | Methane, dichloro-                                                            | 90              | POUNDS         | GENERATED           | 2006 |                            |      |
| U122                                                                  | Formaldehyde                                                                  | 177             | POUNDS         | GENERATED           | 2006 | 20890                      | 1989 |
| U239                                                                  | Xylene (l)                                                                    | 115             | POUNDS         | GENERATED           | 2006 |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                               | 41              | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                  |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                   |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                    |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD075265157 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 34              | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 17              | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1440            | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D016                                                                  | 2,4-D, (2,4-Dichlorophenoxyacetic acid).                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 6970            | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 34              | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 21              | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (l)                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 35              | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD075265157 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (l)                                                  |                 |                |                     |      |                            |      |
| U035                                                                  | Chlorambucil                                                 |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (l)                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 35              | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U213                                                                  | Tetrahydrofuran (l)                                          |                 |                |                     |      |                            |      |
| U019                                                                  | Benzene (l,T)                                                |                 |                |                     |      |                            |      |
| U196                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 29              | POUNDS         | GENERATED           | 2006 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 16              | POUNDS         | GENERATED           | 2006 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 200             | POUNDS         | GENERATED           | 2006 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 55              | POUNDS         | GENERATED           | 2006 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 120             | POUNDS         | GENERATED           | 2006 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                      |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 250             | POUNDS         | GENERATED           | 2006 |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD075265157 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U007                                                                  | 2-Propenamide                                                                |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 29              | POUNDS         | GENERATED           | 2006 |                            |      |
| D008                                                                  | Lead                                                                         |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                                |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                                          |                 |                |                     |      |                            |      |
| U052                                                                  | Phenol, methyl-                                                              |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 150             | POUNDS         | GENERATED           | 2006 |                            |      |
| U007                                                                  | 2-Propenamide                                                                |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 35              | POUNDS         | GENERATED           | 2006 |                            |      |
| U080                                                                  | Methane, dichloro-                                                           |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                                               | 650             | POUNDS         | GENERATED           | 2005 | 13148                      | 1995 |
| P012                                                                  | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                                 | 120             | POUNDS         | GENERATED           | 2005 | 610                        | 2003 |
| F012                                                                  | Quenching waste water treatment sludges from metal heat treating operations  | 40              | POUNDS         | GENERATED           | 2004 |                            |      |
| P075                                                                  | Nicotine, & salts                                                            | 160             | POUNDS         | GENERATED           | 2004 |                            |      |
| U053                                                                  | 2-Butenal                                                                    | 100             | POUNDS         | GENERATED           | 2004 |                            |      |
| B002                                                                  | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm             | 175             | KILOGRAMS      | GENERATED           | 2003 |                            |      |
| B002                                                                  | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm             | 4080            | POUNDS         | GENERATED           | 2003 |                            |      |
| D004                                                                  | Arsenic                                                                      | 80              | POUNDS         | GENERATED           | 2003 | 400                        | 2000 |
| D018                                                                  | BENZENE                                                                      | 50              | POUNDS         | GENERATED           | 2003 | 1400                       | 1996 |
| F006                                                                  | Wastewater treatment sludges from electroplating operations                  | 2240            | POUNDS         | GENERATED           | 2003 |                            |      |
| F038                                                                  | Petroleum refinery secondary (emulsified) oil/water/solids separation sludge | 1920            | POUNDS         | GENERATED           | 2003 |                            |      |
| U152                                                                  | 2-Propenenitrile, 2-methyl- (I,T)                                            | 40              | POUNDS         | GENERATED           | 2003 |                            |      |
| U211                                                                  | Carbon tetrachloride                                                         | 10              | POUNDS         | GENERATED           | 2003 |                            |      |
| B001                                                                  | PCB Oil (concentrated) from transformers, capacitors, etc.                   | 184             | KILOGRAMS      | GENERATED           | 2002 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 | 1710            | POUNDS         | TRANSPORTED         | 2002 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  | 100             | POUNDS         | TRANSPORTED         | 2002 |                            |      |
| D006                                                                  | Cadmium                                                                      | 100             | POUNDS         | TRANSPORTED         | 2002 |                            |      |
| D022                                                                  | Chloroform                                                                   | 200             | POUNDS         | TRANSPORTED         | 2002 |                            |      |
| D038                                                                  | Pyridine                                                                     | 100             | POUNDS         | GENERATED           | 2002 |                            |      |
| F002                                                                  | Spent halogenated solvents                                                   | 1330            | POUNDS         | TRANSPORTED         | 2002 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                               | 720             | POUNDS         | TRANSPORTED         | 2002 |                            |      |
| U123                                                                  | Formic acid (C,T)                                                            | 40              | POUNDS         | GENERATED           | 2002 | 880                        | 1993 |
| U188                                                                  | Phenol                                                                       | 160             | POUNDS         | TRANSPORTED         | 2002 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  | 135             | GALLONS        | GENERATED           | 2001 |                            |      |

## NYS DEC Manifested Waste Transactions for NYD075265157 continued ---

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F001          | Spent halogenated solvents used in degreasing                | 400             | POUNDS         | GENERATED           | 2001 | 960                        | 1997 |
| F005          | Spent non-halogenated solvents                               | 213             | KILOGRAMS      | GENERATED           | 2001 |                            |      |
| P108          | Strychnine, & salts                                          | 300             | POUNDS         | GENERATED           | 2000 |                            |      |
| D019          | Carbon Tetrachloride                                         | 210             | POUNDS         | GENERATED           | 1999 |                            |      |
| P003          | Acrolein                                                     | 560             | POUNDS         | GENERATED           | 1999 |                            |      |
| U151          | Mercury                                                      | 105             | POUNDS         | GENERATED           | 1999 | 130                        | 1998 |
| U246          | Cyanogen bromide (CN)Br                                      | 100             | POUNDS         | GENERATED           | 1999 | 600                        | 1996 |
| F004          | Spent non-halogenated solvents                               | 40              | POUNDS         | GENERATED           | 1997 |                            |      |
| P098          | Potassium cyanide K(CN)                                      | 50              | POUNDS         | GENERATED           | 1997 | 200                        | 1993 |
| P015          | Beryllium                                                    | 160             | POUNDS         | GENERATED           | 1996 |                            |      |
| U196          | Pyridine                                                     | 200             | POUNDS         | GENERATED           | 1994 |                            |      |
| P030          | Cyanides (soluble cyanide salts), not otherwise specified    | 550             | POUNDS         | GENERATED           | 1993 |                            |      |
| R001          | Unknown waste type.                                          | 13740           | POUNDS         | GENERATED           | 1993 | 16355                      | 1991 |
| U128          | Hexachlorobutadiene                                          | 300             | POUNDS         | GENERATED           | 1993 |                            |      |
| U165          | Naphthalene                                                  | 19              | POUNDS         | GENERATED           | 1992 |                            |      |
| U133          | Hydrazine (R,T)                                              | 50              | POUNDS         | GENERATED           | 1991 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability | 196             | GALLONS        | GENERATED           | 1990 |                            |      |
| P048          | 2,4-Dinitrophenol                                            | 20              | GALLONS        | GENERATED           | 1990 |                            |      |
| P105          | Sodium azide                                                 | 24              | GALLONS        | GENERATED           | 1990 |                            |      |
| U021          | Benzidine                                                    | 200             | POUNDS         | GENERATED           | 1990 | 14795                      | 1985 |
| U144          | Acetic acid, lead(2+) salt                                   | 450             | POUNDS         | GENERATED           | 1985 |                            |      |
| B001          | PCB Oil (concentrated) from transformers, capacitors, etc.   | 300             | POUNDS         | GENERATED           | 1984 |                            |      |
| D000          | Unknown waste type.                                          | 2130            | POUNDS         | GENERATED           | 1984 | 19980                      | 1983 |
| D000          | Unknown waste type.                                          | 150             | CUBIC YDS      | GENERATED           | 1981 |                            |      |

NOTE: 2012 waste amounts are for 1/1/12 to 8/26/12 only

## Map Identification Number 700



## NYSDEC Name:

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

## MEMORIAL SLOAN KETTERING &amp; NYC BLOOD CTR

1275 YORK AVE

MEMORIAL SLOAN KETTERING CANCER CENTER

310 E 67TH ST - SUITE 1-45

NEW YORK CITY BLOOD CTR EAST

NEW YORK, NY 10021

NEW YORK, NY 10021

## Facility Id: NYR000122846

TT-Id: 740A-0027-832

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 338 feet to the NW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Special Note: The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: SMALL QUANTITY GENERATOR

Notification date: 02/18/2004

Land Disposal: Receives offsite waste:

Incinerator:

Storer: Treatment facility:

Transporter:

Contact Name: GEOFFRY BARGER Source Type: Implementer

Contact Phone: 212-327-1490 Contact Info Date: 01/01/2007

Contact Name: GEOFFRY BARGER Source Type: Notification

Contact Phone: 212-327-1490 Contact Info Date: 02/18/2004

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability | 10              | POUNDS         | GENERATED           | 2010 | 2760                       | 2004 |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  | 50              | POUNDS         | GENERATED           | 2010 | 385                        | 2006 |
| D004                                                                  | Arsenic                                                      | 200             | POUNDS         | GENERATED           | 2010 |                            |      |
| D005                                                                  | Barium                                                       | 150             | POUNDS         | GENERATED           | 2010 |                            |      |
| U188                                                                  | Phenol                                                       | 20              | POUNDS         | GENERATED           | 2010 | 50                         | 2007 |
| More than one waste code was reported for the following waste amount: |                                                              | 20              | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 60              | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2010 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| P030                                                                  | Cyanides (soluble cyanide salts), not otherwise specified    |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 180             | POUNDS         | GENERATED           | 2010 |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         | 2               | POUNDS         | GENERATED           | 2009 | 120                        | 2006 |
| D011                                                                  | Silver                                                       | 140             | POUNDS         | GENERATED           | 2009 | 330                        | 2008 |
| D022                                                                  | Chloroform                                                   | 40              | POUNDS         | GENERATED           | 2009 | 200                        | 2006 |



## NYS DEC Manifested Waste Transactions for NYR000122846S continued ----

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
|               | More than one waste code was reported for the following waste amount: | 55              | POUNDS         | GENERATED           | 2009 | 240                        | 2007 |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 2               | POUNDS         | GENERATED           | 2009 | 5                          | 2008 |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 300             | POUNDS         | GENERATED           | 2009 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 70              | POUNDS         | GENERATED           | 2009 | 100                        | 2008 |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 100             | POUNDS         | GENERATED           | 2009 | 100                        | 2007 |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
| D009          | Mercury                                                               |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 50              | POUNDS         | GENERATED           | 2009 |                            |      |
| D009          | Mercury                                                               |                 |                |                     |      |                            |      |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 50              | POUNDS         | GENERATED           | 2009 | 100                        | 2007 |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 150             | POUNDS         | GENERATED           | 2009 | 200                        | 2008 |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 100             | POUNDS         | GENERATED           | 2009 |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| D019          | Carbon Tetrachloride                                                  |                 |                |                     |      |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            | 1               | POUNDS         | GENERATED           | 2008 | 20                         | 2007 |

## NYS DEC Manifested Waste Transactions for NYR000122846S continued ---

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 200             | POUNDS         | GENERATED           | 2008 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 40              | POUNDS         | GENERATED           | 2008 | 50                         | 2007 |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| D006                                                                  | Cadmium                                                      | 5               | POUNDS         | GENERATED           | 2007 | 50                         | 2006 |
| D007                                                                  | Chromium                                                     | 20              | POUNDS         | GENERATED           | 2007 |                            |      |
| D009                                                                  | Mercury                                                      | 32              | POUNDS         | GENERATED           | 2007 |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 50              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   | 250             | POUNDS         | GENERATED           | 2006 | 1140                       | 2004 |
| F003                                                                  | Spent non-halogenated solvents                               | 700             | POUNDS         | GENERATED           | 2006 |                            |      |
| P105                                                                  | Sodium azide                                                 | 5               | POUNDS         | GENERATED           | 2006 |                            |      |
| U007                                                                  | 2-Propenamide                                                | 200             | POUNDS         | GENERATED           | 2006 |                            |      |
| U080                                                                  | Methane, dichloro-                                           | 89              | POUNDS         | GENERATED           | 2006 |                            |      |
| U213                                                                  | Tetrahydrofuran (l)                                          | 390             | POUNDS         | GENERATED           | 2006 |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 20              | POUNDS         | GENERATED           | 2006 |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 100             | POUNDS         | GENERATED           | 2006 |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |

**Map Identification Number 701****NYSDEC Name:**

NYSDEC Address:

**MEMORIAL SLOAN KETTERING CANCER CENTER**

1275 YORK AVE

NEW YORK, NY 10021

**Facility Id: NYD072565157**

TT-Id: 740A-0061-253

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 338 feet to the NW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

**NYS DEC Manifested Waste Summary:**

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE CODE                                                            | WASTE DESCRIPTION                                            | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR | HISTORIC MAXIMUM AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|--------------|-------------|------------------|------|-------------------------|------|
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability | 920          | POUNDS      | GENERATED        | 2009 |                         |      |
| More than one waste code was reported for the following waste amount: |                                                              | 520          | POUNDS      | GENERATED        | 2009 |                         |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |              |             |                  |      |                         |      |
| F003                                                                  | Spent non-halogenated solvents                               |              |             |                  |      |                         |      |
| More than one waste code was reported for the following waste amount: |                                                              | 560          | POUNDS      | GENERATED        | 2009 |                         |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |              |             |                  |      |                         |      |
| F002                                                                  | Spent halogenated solvents                                   |              |             |                  |      |                         |      |
| D018                                                                  | BENZENE                                                      |              |             |                  |      |                         |      |
| D022                                                                  | Chloroform                                                   |              |             |                  |      |                         |      |
| D038                                                                  | Pyridine                                                     |              |             |                  |      |                         |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  | 150          | POUNDS      | GENERATED        | 2007 |                         |      |
| D022                                                                  | Chloroform                                                   | 210          | POUNDS      | GENERATED        | 2007 |                         |      |
| More than one waste code was reported for the following waste amount: |                                                              | 280          | POUNDS      | GENERATED        | 2007 |                         |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |              |             |                  |      |                         |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |              |             |                  |      |                         |      |
| F003                                                                  | Spent non-halogenated solvents                               |              |             |                  |      |                         |      |
| More than one waste code was reported for the following waste amount: |                                                              | 100          | POUNDS      | GENERATED        | 2007 |                         |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |              |             |                  |      |                         |      |
| F002                                                                  | Spent halogenated solvents                                   |              |             |                  |      |                         |      |
| F003                                                                  | Spent non-halogenated solvents                               |              |             |                  |      |                         |      |

## NYS DEC Manifested Waste Transactions for NYD072565157 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 5               | POUNDS         | GENERATED           | 2007 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 50              | POUNDS         | GENERATED           | 2007 |                            |      |
| D006                                                                  | Cadmium                                                      |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 20              | POUNDS         | GENERATED           | 2007 |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 40              | POUNDS         | GENERATED           | 2007 |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |

## Map Identification Number 702



## NYSDEC Name:

NYSDEC Address:

## SLOAN KETTERING MEMORIAL HOSPITAL

1275 YORK AVE

NEW YORK, NY 10021

## Facility Id: NYD077744597

TT-Id: 740A-0027-833

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 338 feet to the NW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D001          | Solid waste that exhibits the characteristic of ignitability | 1720            | POUNDS         | GENERATED           | 1986 | 4860                       | 1981 |
| D002          | Solid waste that exhibits the characteristic of corrosivity  | 160             | POUNDS         | GENERATED           | 1986 | 900                        | 1981 |
| U044          | Methane, trichloro-                                          | 200             | POUNDS         | GENERATED           | 1986 |                            |      |
| D000          | Unknown waste type.                                          | 15860           | POUNDS         | GENERATED           | 1981 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability | 1480            | GALLONS        | GENERATED           | 1981 |                            |      |

**Map Identification Number 703****NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CONSOLIDATED EDISON**

428 E 69TH ST

CON EDISON

428 E 69TH ST &amp; YORK AVE

NEW YORK, NY 10003

NEW YORK, NY 10021

**Facility Id: NYP004168217**

TT-Id: 740A-0066-617

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 359 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: MICHAEL BETO

Source Type: Emergency

Contact Phone: 917-337-5519 Contact Info Date: 04/24/2009

**NYS DEC Manifested Waste Summary:**

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D008          | Lead                 | 300             | POUNDS         | GENERATED           | 2009 |                            |      |

**Map Identification Number 704****NYSDEC Name:**

NYSDEC Address:

**CONSOLIDATED EDISON**

MH57125 YORK &amp; 66TH ST

QUEENS, NY

**Facility Id: NYP004025607**

TT-Id: 740A-0025-236

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 389 feet to the WNW

**ADDRESS CHANGE INFORMATION**

Revised street: YORK AVE / E 66TH ST

Revised zip code: 10021

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

**NYS DEC Manifested Waste Summary:**

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| B002          | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm              | 8300            | KILOGRAMS      | GENERATED           | 1998 |                            |      |
| B007          | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 1090            | KILOGRAMS      | GENERATED           | 1998 |                            |      |

**Map Identification Number 705****NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CONSOLIDATED EDISON**

502 E 63TH ST

CON EDISON – AVENUE A SUBSTATION

502 EAST 6TH ST.

NEW YORK, NY 10021

NEW YORK, NY 10009

**Facility Id: NYD982719445**

TT-Id: 740A-0027-182

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 423 feet to the SW

**ADDRESS CHANGE INFORMATION**

Revised street: 502 E 63RD STREET

Revised zip code: NO CHANGE

Special Note: The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: SMALL QUANTITY GENERATOR

Notification date: 12/06/1988

Land Disposal:

Receives offsite waste:

Incinerator:

Storer:

Treatment facility:

Transporter:

Contact Name: FRANKLIN MURRAY

Source Type: Implementer

Contact Phone: 212-460-2808

Contact Info Date: 01/01/2007

Contact Name: ROBERT KEEGAN

Source Type: Notification

Contact Phone: 212-460-4833

Contact Info Date: 12/06/1988

Contact Name: FRANKLIN MURRAY

Source Type: Annual/Biennial Report

Contact Phone: 212-460-2808

Contact Info Date: 02/21/2006

Historically listed as the following USEPA RCRA Generator Size(s) as well:

LARGE QUANTITY GENERATOR

**NYS DEC Manifested Waste Summary:**

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 5               | POUNDS         | GENERATED           | 2011 |                            |      |
| D008                                                                  | Lead                                                         |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 440             | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D035                                                                  | Methyl ethyl ketone                                          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 100             | GALLONS        | GENERATED           | 2008 | 110                        | 2006 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD982719445S continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                               | 10              | KILOGRAMS      | GENERATED           | 2007 |                            |      |
| D006                                                                  | Cadmium                                                                       |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                                      |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                                          |                 |                |                     |      |                            |      |
| B007                                                                  | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. |                 |                |                     |      |                            |      |
| B007                                                                  | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 10              | KILOGRAMS      | GENERATED           | 2006 | 26000                      | 1991 |
| B002                                                                  | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm              | 8982            | KILOGRAMS      | GENERATED           | 2005 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                  | 110             | GALLONS        | GENERATED           | 2004 | 165                        | 2002 |
| D006                                                                  | Cadmium                                                                       | 105             | KILOGRAMS      | GENERATED           | 2004 |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                                | 110             | GALLONS        | GENERATED           | 2004 |                            |      |
| D008                                                                  | Lead                                                                          | 15              | POUNDS         | GENERATED           | 2002 | 50                         | 1999 |
| D009                                                                  | Mercury                                                                       | 15              | POUNDS         | GENERATED           | 2002 | 225                        | 1999 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                  | 3400            | POUNDS         | GENERATED           | 2001 |                            |      |
| F001                                                                  | Spent halogenated solvents used in degreasing                                 | 20              | POUNDS         | GENERATED           | 2001 |                            |      |
| D007                                                                  | Chromium                                                                      | 2               | POUNDS         | GENERATED           | 1998 |                            |      |
| D008                                                                  | Lead                                                                          | 100             | KILOGRAMS      | GENERATED           | 1998 |                            |      |
| D018                                                                  | BENZENE                                                                       | 200             | POUNDS         | GENERATED           | 1998 |                            |      |
| D008                                                                  | Lead                                                                          | 55              | GALLONS        | GENERATED           | 1996 |                            |      |
| B007                                                                  | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 96060           | POUNDS         | GENERATED           | 1989 |                            |      |

## Map Identification Number 706



## NYSDEC Name:

NYSDEC Address:

## CONSOLIDATED EDISON

E 64TH STREET &amp; YORK AVENUE

NEW YORK, NY 10020

## Facility Id: NYP004147534

TT-Id: 740A-0062-639

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 447 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: E 64TH STREET / YORK AVENUE

Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|

NYS DEC Manifested Waste Transactions for NYP004147534 continued ----

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
|               | More than one waste code was reported for the following waste amount:         | 50              | KILOGRAMS      | GENERATED           | 2007 |                            |      |
| B007          | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. |                 |                |                     |      |                            |      |
| D008          | Lead                                                                          |                 |                |                     |      |                            |      |

**Map Identification Number 707****NYSDEC Name:**  
NYSDEC Address:**CONSOLIDATED EDISON**  
64TH ST & YORK ST

NEW YORK, NY

**Facility Id: NYP004050241**  
TT-Id: 740A-0027-200

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 447 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: E 64TH ST / YORK AVE

Revised zip code: 10021

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| B002          | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm | 1109            | KILOGRAMS      | GENERATED           | 2000 |                            |      |

**Map Identification Number 708****EPA (RCRA) Name:**  
EPA (RCRA) Address:  
NYSDEC Name:  
NYSDEC Address:**VERIZON LOG 38876**  
64TH & YORK AVE  
VERIZON NEW YORK INC. MANHOLE  
64TH STREET

NEW YORK, NY 10065

NEW YORK, NY 10016

**Facility Id: NYP000964213**  
TT-Id: 740A-0081-285

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 447 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: 64TH / YORK AVE

Revised zip code: NO CHANGE

Special Note: The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.



US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Notification date: None Given

Land Disposal:

Receives offsite waste:

Incinerator:

Storer:

Treatment facility:

Transporter:

Contact Name: MIKE ANGELONE

Source Type: Emergency

Contact Phone: 917-837-3985 Contact Info Date: 11/06/2008

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|

NONE Site reported by US EPA. No hazardous waste activity reported by NYS.

**Map Identification Number 709****NYSDEC Name:****CONED**

NYSDEC Address:

N/E/C E.65 STREET &amp; YORK AVE

NEW YORK, NY 10069

EPA (RCRA) Name:

CON EDISON - MANHOLE 48488

EPA (RCRA) Address:

N/E/C E.65 STREET &amp; YORK AVE

NEW YORK, NY 10069

**Facility Id: NYP004174512**

TT-Id: 740A-0074-292

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 450 feet to the W

**ADDRESS CHANGE INFORMATION**

Revised street: N/E/C E.65 STREET / YORK AVE

Revised zip code: UNKNOWN

US EPA RCRA Type: LARGE QUANTITY GENERATOR

Notification date: None Given

Land Disposal:

Receives offsite waste:

Incinerator:

Storer:

Treatment facility:

Transporter:

Contact Name: FRANKLYN MURRAY

Source Type: Annual/Biennial Report update with Notification Contact Phone: 212-460-2808 Contact Info Date: 03/23/2010

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|

|      |      |      |        |           |      |  |  |
|------|------|------|--------|-----------|------|--|--|
| D008 | Lead | 3000 | POUNDS | GENERATED | 2009 |  |  |
|------|------|------|--------|-----------|------|--|--|

**Map Identification Number 710****NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**MEMORIAL SLOAN KETTERING CENTER**

415 E 68TH ST

MEMORIAL SLOAN – KETTERING CANCER CENTER

415 EAST 68TH ST

NEW YORK, NY 10065

NEW YORK, NY 10021

**Facility Id: NYR000133033**

TT-Id: 740A-0031-446

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 456 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: 10021

US EPA RCRA Type: LARGE QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: 07/15/2005

Incinerator:

Transporter:

Contact Name: CYNTHIA PADIN

Source Type: Annual/Biennial Report update with Notification

Contact Phone: 646-888-2280

Contact Info Date: 02/26/2010

Contact Name: CYNTHIA PADIN

Source Type: Implementer

Contact Phone: 212-639-8559

Contact Info Date: 01/01/2007

Contact Name: CYNTHIA PADIN

Source Type: Notification

Contact Phone: 212-639-8559

Contact Info Date: 07/15/2005

Contact Name: CYNTHIA PADIN

Source Type: Annual/Biennial Report

Contact Phone: 646-888-2280

Contact Info Date: 02/04/2008

**NYS DEC Manifested Waste Summary:**

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE CODE                                                            | WASTE DESCRIPTION                                                            | WASTE AMOUNT | WASTE UNITS | TRANSACTION TYPE | YEAR | HISTORIC MAXIMUM AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|--------------|-------------|------------------|------|-------------------------|------|
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 | 2122         | POUNDS      | GENERATED        | 2012 |                         |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  | 135          | POUNDS      | GENERATED        | 2012 | 4000                    | 2009 |
| D008                                                                  | Lead                                                                         | 110          | POUNDS      | GENERATED        | 2012 |                         |      |
| D009                                                                  | Mercury                                                                      | 95           | POUNDS      | GENERATED        | 2012 |                         |      |
| D010                                                                  | Selenium                                                                     | 60           | POUNDS      | GENERATED        | 2012 |                         |      |
| D022                                                                  | Chloroform                                                                   | 4978         | POUNDS      | GENERATED        | 2012 |                         |      |
| U010                                                                  | Mitomycin C                                                                  | 120          | POUNDS      | GENERATED        | 2012 | 123                     | 2009 |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide | 60           | POUNDS      | GENERATED        | 2012 |                         |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 1070         | POUNDS      | GENERATED        | 2012 | 3480                    | 2010 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |              |             |                  |      |                         |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |              |             |                  |      |                         |      |
| F003                                                                  | Spent non-halogenated solvents                                               |              |             |                  |      |                         |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 4            | POUNDS      | GENERATED        | 2012 | 120                     | 2009 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |              |             |                  |      |                         |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                   |              |             |                  |      |                         |      |

## NYS DEC Manifested Waste Transactions for NYR000133033 continued ----

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
|               | More than one waste code was reported for the following waste amount:        | 140             | POUNDS         | GENERATED           | 2012 | 330                        | 2011 |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 320             | POUNDS         | GENERATED           | 2012 | 3060                       | 2009 |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 170             | POUNDS         | GENERATED           | 2012 | 3884                       | 2011 |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 30              | GALLONS        | GENERATED           | 2012 | 60                         | 2009 |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 220             | POUNDS         | GENERATED           | 2012 |                            |      |
| U010          | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| U058          | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 6000            | POUNDS         | GENERATED           | 2012 | 17700                      | 2008 |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                                      |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                                     |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                                   |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 260             | POUNDS         | GENERATED           | 2012 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D008          | Lead                                                                         |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                                   |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                                     |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount:        | 90              | POUNDS         | GENERATED           | 2012 |                            |      |
| U010          | Mitomycin C                                                                  |                 |                |                     |      |                            |      |
| U056          | Cyclohexane (l)                                                              |                 |                |                     |      |                            |      |
| D004          | Arsenic                                                                      | 50              | POUNDS         | GENERATED           | 2011 |                            |      |

## NYS DEC Manifested Waste Transactions for NYR000133033 continued ---

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
|               | More than one waste code was reported for the following waste amount: | 240             | POUNDS         | GENERATED           | 2011 | 1225                       | 2007 |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 5               | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 10              | POUNDS         | GENERATED           | 2011 | 80                         | 2008 |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                               |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 80              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 50              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 15              | POUNDS         | GENERATED           | 2011 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2011 |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 580             | POUNDS         | GENERATED           | 2011 |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 125             | POUNDS         | GENERATED           | 2011 | 635                        | 2009 |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYR000133033 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 200             | POUNDS         | GENERATED           | 2011 | 320                        | 2009 |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 80              | POUNDS         | GENERATED           | 2011 | 90                         | 2009 |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 610             | POUNDS         | GENERATED           | 2011 | 670                        | 2010 |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 420             | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                               |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                              |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1655            | POUNDS         | GENERATED           | 2011 | 1750                       | 2010 |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 40              | POUNDS         | GENERATED           | 2011 | 60                         | 2010 |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
| P105          | Sodium azide                                                          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 40              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 50              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYR000133033 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 90              | POUNDS         | GENERATED           | 2011 |                            |      |
| D010          | Selenium                                                              |                 |                |                     |      |                            |      |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        | 175             | POUNDS         | GENERATED           | 2010 |                            |      |
|               | More than one waste code was reported for the following waste amount: | 40              | POUNDS         | GENERATED           | 2010 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 60              | POUNDS         | GENERATED           | 2010 |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 8               | POUNDS         | GENERATED           | 2010 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 160             | POUNDS         | GENERATED           | 2010 | 2200                       | 2007 |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                               |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                              |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2010 |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 155             | POUNDS         | GENERATED           | 2010 | 1000                       | 2009 |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYR000133033 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 80              | POUNDS         | GENERATED           | 2010 |                            |      |
| F001                                                                  | Spent halogenated solvents used in degreasing                |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 600             | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 155             | POUNDS         | GENERATED           | 2010 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| B001                                                                  | PCB Oil (concentrated) from transformers, capacitors, etc.   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1040            | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D033                                                                  | Hexachlorobutadiene                                          |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   | 9               | POUNDS         | GENERATED           | 2009 |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 5               | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1400            | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D019                                                                  | Carbon Tetrachloride                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                     |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 50              | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYR000133033 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 30              | POUNDS         | GENERATED           | 2009 |                            |      |
| U007          | 2-Propenamide                                                         |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 60              | POUNDS         | GENERATED           | 2009 |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 40              | POUNDS         | GENERATED           | 2009 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D032          | Hexachlorobenzene                                                     |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 160             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 5               | POUNDS         | GENERATED           | 2008 |                            |      |
| D003          | Solid waste that exhibits the characteristic of reactivity            |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1640            | POUNDS         | GENERATED           | 2008 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                              |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 50              | POUNDS         | GENERATED           | 2008 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                              |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 50              | POUNDS         | GENERATED           | 2008 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |



NYS DEC Manifested Waste Transactions for NYR000133033 continued ---- see previous page

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                              |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 60              | POUNDS         | GENERATED           | 2008 |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| D008          | Lead                                                                  |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 100             | POUNDS         | GENERATED           | 2008 |                            |      |
| D007          | Chromium                                                              |                 |                |                     |      |                            |      |
| P105          | Sodium azide                                                          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 100             | POUNDS         | GENERATED           | 2008 |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                               |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 40              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 160             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 1110            | POUNDS         | GENERATED           | 2007 |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 2530            | POUNDS         | GENERATED           | 2007 |                            |      |
| D018          | BENZENE                                                               |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| D038          | Pyridine                                                              |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYR000133033 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                 | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                                      | 160             | POUNDS         | GENERATED           | 2007 |                            |      |
| D022                                                                  | Chloroform                                                           |                 |                |                     |      |                            |      |
| B003                                                                  | Petroleum oil or other liquid containing 500 ppm or greater of PCBs. |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (I)                                                          | 56              | POUNDS         | GENERATED           | 2006 |                            |      |
| U044                                                                  | Methane, trichloro-                                                  | 32              | POUNDS         | GENERATED           | 2006 |                            |      |
| U123                                                                  | Formic acid (C,T)                                                    | 42              | POUNDS         | GENERATED           | 2006 |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                      | 47              | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability         |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity          |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                             |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                      | 97              | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability         |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity          |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                       |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (I)                                                          |                 |                |                     |      |                            |      |
| U220                                                                  | Toluene                                                              |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                      | 5               | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability         |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity          |                 |                |                     |      |                            |      |
| U404                                                                  | Ethanamine, N,N-diethyl (OR) Triethylamine                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                      | 4300            | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability         |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                              |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                           |                 |                |                     |      |                            |      |
| F002                                                                  | Spent halogenated solvents                                           |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                      | 56              | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability         |                 |                |                     |      |                            |      |
| D038                                                                  | Pyridine                                                             |                 |                |                     |      |                            |      |
| U003                                                                  | Acetonitrile (I,T)                                                   |                 |                |                     |      |                            |      |
| U112                                                                  | Acetic acid ethyl ester (I)                                          |                 |                |                     |      |                            |      |
| U213                                                                  | Tetrahydrofuran (I)                                                  |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYR000133033 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 63              | POUNDS         | GENERATED           | 2006 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U003                                                                  | Acetonitrile (l,T)                                           |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (l)                                           |                 |                |                     |      |                            |      |
| U213                                                                  | Tetrahydrofuran (l)                                          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 41              | POUNDS         | GENERATED           | 2006 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                       |                 |                |                     |      |                            |      |
| U080                                                                  | Methane, dichloro-                                           |                 |                |                     |      |                            |      |

NOTE: 2012 waste amounts are for 1/1/12 to 8/26/12 only

## Map Identification Number 711



## NYSDEC Name:

NYSDEC Address:

## CONSOLIDATED EDISON CO

MH57122 YORK AVE E 63 ST

, NY

## Facility Id: NYP004024550

TT-Id: 740A-0028-701

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 504 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: YORK AVE / E 63RD ST

Revised zip code: 10021

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| B002          | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm              | 873             | KILOGRAMS      | GENERATED           | 1998 |                            |      |
| B007          | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 420             | KILOGRAMS      | GENERATED           | 1998 |                            |      |

**Map Identification Number 712****NYSDEC Name:**

NYSDEC Address:

**CONSOLIDATED EDISON**

MH57123-YORK &amp; E 63RD ST

QUEENS, NY 11428

**Facility Id: NYP004058806**

TT-Id: 740A-0028-702

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 504 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: YORK AVE / E 63RD ST

Revised zip code: 10021

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| B002          | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm | 469             | KILOGRAMS      | GENERATED           | 2000 |                            |      |

**Map Identification Number 713****NYSDEC Name:**

NYSDEC Address:

**CONSOLIDATED EDISON**

E 63 ST &amp; YORK AVE V1370

NEW YORK, NY 10009

**Facility Id: NYP004131348**

TT-Id: 740A-0029-190

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 504 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: E 63RD ST / YORK AVE

Revised zip code: 10021

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| B002          | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm | 30              | GALLONS        | GENERATED           | 2005 |                            |      |

**Map Identification Number 714****NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**NYS DOT D258876**

FDR DR

NYS DOT BRIDGE BIN 2233038 – FDR VIADUCT

FDR DR 53RD ST TO 61ST ST

RECONSTRUCTION PROJECT

NEW YORK, NY 10002

NEW YORK, NY 10022

**Facility Id: NYR000128223**

TT-Id: 740A-0065-313

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 513 feet to the SW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: 10/25/2004

Incinerator:

Transporter:

Contact Name: MAJID BUKHARI

Source Type: Implementer

Contact Phone: 718-482-4792

Contact Info Date: 01/01/2007

Contact Name: MAJID BUKHARI

Source Type: Notification

Contact Phone: 718-482-4792

Contact Info Date: 10/25/2004

Historically listed as the following USEPA RCRA Generator Size(s) as well:

SMALL QUANTITY GENERATOR

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D008          | Lead                 | 100             | POUNDS         | GENERATED           | 2005 |                            |      |

**Map Identification Number 715****NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CONSOLIDATED EDISON**

MH513221-FDR DR &amp; 70TH ST

CON EDISION – MH51384

70TH ST. AND E.RIVER DR. 70TH

NEW YORK, NY 10020

NEW YORK, NY 10003

**Facility Id: NYP004075446**

TT-Id: 740A-0028-877

## MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 518 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: E 70TH ST / F D ROOSEVELT DR

Revised zip code: 10021

Special Note: The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Notification date: None Given

Land Disposal: Receives offsite waste:

Incinerator:

Storer: Treatment facility:

Transporter:

Contact Name: ANTHONY DRUMMINGS

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 06/02/2002

Contact Name: ANTHONY DRUMMINGS

Source Type: Annual/Biennial Report

Contact Phone: 212-460-3770

Contact Info Date: 05/31/2002

Historically listed as the following USEPA RCRA Generator Size(s) as well:

LARGE QUANTITY GENERATOR

-----  
NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D008          | Lead                 | 4               | CUBIC YDS      | GENERATED           | 2001 |                            |      |

**Map Identification Number 716** **NYSDEC Name:** CON ED

NYSDEC Address:

E 70 ST &amp; FDR DR MH60024

NEW YORK, NY 10027

**Facility Id: NYP004108924**

TT-Id: 740A-0028-876

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 518 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: E 70TH ST / F D ROOSEVELT DR

Revised zip code: 10021

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

-----  
NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| B007          | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 50              | KILOGRAMS      | GENERATED           | 2003 |                            |      |

**Map Identification Number 717****EPA (RCRA) Name:**

EPA (RCRA) Address:

NYSDEC Name:

NYSDEC Address:

**CON EDISION – EXC10021**

70TH ST &amp; FDR 70TH ST &amp; FDR

CONSOLIDATED EDISON

EXCAV E 71ST FDR DRIVE

NEW YORK, NY 10003

NEW YORK, NY 10020

**Facility Id: NYP004078481**

TT-Id: 740A-0075-090

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 518 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: 70TH ST / FDR 70TH ST &amp; FDR

Revised zip code: NO CHANGE

Special Note: The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Notification date: None Given

Land Disposal:

Receives offsite waste:

Incinerator:

Storer:

Treatment facility:

Transporter:

Contact Name: ANTHONY DRUMMINGS

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 06/02/2002

Contact Name: ANTHONY DRUMMINGS

Source Type: Annual/Biennial Report

Contact Phone: 212-460-3770

Contact Info Date: 05/31/2002

Historically listed as the following USEPA RCRA Generator Size(s) as well:

LARGE QUANTITY GENERATOR

**NYS DEC Manifested Waste Summary:**

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| B007          | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 1303            | KILOGRAMS      | GENERATED           | 2001 |                            |      |

**Map Identification Number 718****EPA (RCRA) Name:**

EPA (RCRA) Address:

NYSDEC Name:

NYSDEC Address:

**CON EDISION – MH51384**

70TH ST. AND E.RIVER DR. 70TH

CONSOLIDATED EDISON

MH513221-FDR DR &amp; 70TH ST

NEW YORK, NY 10003

NEW YORK, NY 10020

**Facility Id: NYP004075446**

TT-Id: 740A-0075-089

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 518 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: 70TH ST. / E.RIVER DR. 70TH

Revised zip code: NO CHANGE

Special Note: The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Notification date: None Given

Land Disposal: Receives offsite waste:

Incinerator:

Storer: Treatment facility:

Transporter:

Contact Name: ANTHONY DRUMMINGS

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 06/02/2002

Contact Name: ANTHONY DRUMMINGS

Source Type: Annual/Biennial Report

Contact Phone: 212-460-3770

Contact Info Date: 05/31/2002

Historically listed as the following USEPA RCRA Generator Size(s) as well:

LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D008          | Lead                 | 4               | CUBIC YDS      | GENERATED           | 2001 |                            |      |

**Map Identification Number 719****EPA (RCRA) Name:**

EPA (RCRA) Address:

**CON EDISON**

405 E 68TH ST E OF 1ST AVE SB 1252

NEW YORK, NY 10028

**Facility Id: NYP004200739**

TT-Id: 740A-0074-653

NYSDEC Name:

CONSOLIDATED EDISON

NYSDEC Address:

FRONT OF 401 EAST 68TH ST

MANHATTAN, NY 10020

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 520 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Special Note: The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

Notification date: None Given

Land Disposal: Receives offsite waste:

Incinerator:

Storer: Treatment facility:

Transporter:

Contact Name: TIMOTHY REGAN

Source Type: Emergency

Contact Phone: 917-416-5436

Contact Info Date: 12/24/2009

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.



| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D008          | Lead                 | 600             | POUNDS         | GENERATED           | 2009 |                            |      |

**Map Identification Number 720****NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CONSOLIDATED EDISON**405 EAST 68 STREET EAST OF FIR  
ST AVE

CON EDISON - SERVICE BOX 12522

405 EAST 68 STREET EAST OF FIRST A  
VE

NEW YORK, NY 10028

NEW YORK, NY 10028

**Facility Id: NYP004200465**

TT-Id: 740A-0072-259

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 520 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: 405 E 68TH ST

Revised zip code: NO CHANGE

US EPA RCRA Type: LARGE QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: FRANKLYN MURRAY

Source Type: Annual/Biennial Report update with Notification

Contact Phone: 212-460-2808

Contact Info Date: 03/23/2010

Contact Name: DANIEL PONTECORVO

Source Type: Emergency

Contact Phone: 347-203-2573

Contact Info Date: 12/22/2009

**NYS DEC Manifested Waste Summary:**

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D008          | Lead                 | 3000            | POUNDS         | GENERATED           | 2009 |                            |      |

**Map Identification Number 721****NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**NEW YORK CITY B O E**

PS-183

NYC BD OF ED - PUBLIC SCHOOL 183 MAN

419 E 66TH ST

NEW YORK, NY

NEW YORK, NY 10021

**Facility Id: NY0000902569**

TT-Id: 740A-0027-835

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 546 feet to the NW

**ADDRESS CHANGE INFORMATION**

Revised street: 419 E 66TH ST

Revised zip code: 10021

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

Notification date: 07/27/1995

Land Disposal:

Receives offsite waste:

Incinerator:

Storer:

Treatment facility:

Transporter:

Contact Name: ROBERT GUASTA

Source Type: Implementer

Contact Phone: 718-349-5590

Contact Info Date: 01/01/2007

Contact Name: ROBERT GUASTA

Source Type: Notification

Contact Phone: 718-349-5590

Contact Info Date: 07/27/1995

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|----------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D008          | Lead                 | 80              | POUNDS         | GENERATED           | 2005 | 1050                       | 2004 |

## Map Identification Number 722



## NYSDEC Name:

NYSDEC Address:

## CONSOLIDATED EDISON

E 70TH ST &amp; YORK AVE

NEW YORK, NY

## Facility Id: NYP004043568

TT-Id: 740A-0025-347

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 556 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: E 70TH ST / YORK AVE

Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                          | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| B007          | Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc. | 27              | KILOGRAMS      | GENERATED           | 1999 |                            |      |

## Map Identification Number 723



## NYSDEC Name:

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

## CONSOLIDATED EDISON

E 70 ST &amp; YORK AVE MH48506

CON EDISON MANHOLE 48506

YORK AVE &amp; 70 ST

W OF &amp; 20 FT S OF E 70 ST

NEW YORK, NY 10011

NEW YORK, NY 10023

## Facility Id: NYP004144754

TT-Id: 740A-0062-684

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 556 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: E 70TH ST / YORK AVE

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Notification date: None Given

Land Disposal: Receives offsite waste:

Incinerator:

Storer: Treatment facility:

Transporter:

Contact Name: MICHAEL DAUGHTREY Source Type: Emergency

Contact Phone: 212-580-8383 Contact Info Date: 01/09/2007

Contact Name: MICHAEL DAUGHTREY Source Type: Implementer

Contact Phone: 212-580-8383 Contact Info Date: 01/11/2007

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| B002          | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm | 208             | KILOGRAMS      | GENERATED           | 2006 |                            |      |

## Map Identification Number 724



## NYSDEC Name:

NYSDEC Address:

## CONSOLIDATED EDISON

MH8338-435 E65TH ST

QUEENS, NY 11428

## Facility Id: NYP004017539

TT-Id: 740A-0027-831

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 628 feet to the WNW

## ADDRESS CHANGE INFORMATION

Revised street: 435 E 65TH ST

Revised zip code: 10021

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

## NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| B002          | Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm | 1065            | KILOGRAMS      | GENERATED           | 1998 |                            |      |

## Map Identification Number 725



## NYSDEC Name:

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

## HOSPITAL FOR SPECIAL SURGERY

535 EAST 70TH STREET

HOSPITAL SPECIAL SURGERY

535 E 70TH ST

NEW YORK, NY 10021

NEW YORK, NY 10021

## Facility Id: NYD981561301

TT-Id: 740A-0027-836

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 650 feet to the NNE

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR

Notification date: 09/24/1986

Land Disposal: Receives offsite waste:

Incinerator:

Storer: Treatment facility:

Transporter:

Contact Name: JOE LUKAS

Source Type: Implementer

Contact Phone: 212-555-1212 Contact Info Date: 01/01/2007

Contact Name: JOE LUKAS

Source Type: Notification

Contact Phone: 212-555-1212 Contact Info Date: 09/24/1986

Historically listed as the following USEPA RCRA Generator Size(s) as well:

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

US EPA RCRA Violations:

Violation Type: Generators – General

Violation Number: 0001 Location: NY

Former Citation:

Responsible Agency: STATE

Violation Determination Date: 08/13/1990

Violation Return to Compliance: 08/13/1990

Violation Type: Generators – General

Violation Number: 0001 Location: NY

Former Citation:

Responsible Agency: EPA

Violation Determination Date: 03/15/2004

Violation Return to Compliance: 06/02/2004

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability | 12              | POUNDS         | GENERATED           | 2012 | 809                        | 2006 |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  | 13              | POUNDS         | GENERATED           | 2012 | 376                        | 1999 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   | 2               | POUNDS         | GENERATED           | 2012 | 4                          | 1999 |
| D009                                                                  | Mercury                                                      | 2               | POUNDS         | GENERATED           | 2012 | 80                         | 1992 |
| P087                                                                  | Osmium oxide OsO <sub>4</sub> , (T-4)-                       | 1               | POUNDS         | GENERATED           | 2012 | 2                          | 2001 |
| More than one waste code was reported for the following waste amount: |                                                              | 15              | POUNDS         | GENERATED           | 2012 | 629                        | 2010 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 180             | POUNDS         | GENERATED           | 2012 | 180                        | 2011 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D018                                                                  | BENZENE                                                      |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 3               | POUNDS         | GENERATED           | 2012 | 9                          | 2009 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD981561301 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                             | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 2               | POUNDS         | GENERATED           | 2012 | 150                        | 2010 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 220             | POUNDS         | GENERATED           | 2012 | 860                        | 2007 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 50              | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                                   |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 2               | POUNDS         | GENERATED           | 2012 |                            |      |
| P001                                                                  | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present |                 |                |                     |      |                            |      |
| P075                                                                  | Nicotine, & salts                                                                |                 |                |                     |      |                            |      |
| P188                                                                  | Benzoic acid (OR) Physostigmine salicylate                                       |                 |                |                     |      |                            |      |
| P204                                                                  | Physostigmine (OR) Pyrrolo 2,3-b[indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1, 3a,8-tri |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 53              | POUNDS         | GENERATED           | 2012 | 300                        | 2011 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D005                                                                  | Barium                                                                           |                 |                |                     |      |                            |      |
| D009                                                                  | Mercury                                                                          |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                           |                 |                |                     |      |                            |      |
| D024                                                                  | m-Cresol                                                                         |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 180             | POUNDS         | GENERATED           | 2012 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                     |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                      |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                                                   |                 |                |                     |      |                            |      |
| U182                                                                  | 1,3,5-Trioxane, 2,4,6-trimethyl-                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                                  | 140             | POUNDS         | GENERATED           | 2012 |                            |      |
| D005                                                                  | Barium                                                                           |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                                         |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                       |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                                    |                 |                |                     |      |                            |      |
| U183                                                                  | Benzene, pentachloro-                                                            |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD981561301 continued ---

| WASTE<br>CODE | WASTE<br>DESCRIPTION                                                  | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-----------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| D004          | Arsenic                                                               | 17              | POUNDS         | GENERATED           | 2011 |                            |      |
| U188          | Phenol                                                                | 30              | POUNDS         | GENERATED           | 2011 | 105                        | 2000 |
|               | More than one waste code was reported for the following waste amount: | 90              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 150             | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 170             | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D022          | Chloroform                                                            |                 |                |                     |      |                            |      |
| F002          | Spent halogenated solvents                                            |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 100             | POUNDS         | GENERATED           | 2011 |                            |      |
| D011          | Silver                                                                |                 |                |                     |      |                            |      |
| U188          | Phenol                                                                |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 180             | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D002          | Solid waste that exhibits the characteristic of corrosivity           |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U117          | Ethyl ether (I)                                                       |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 120             | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| D018          | BENZENE                                                               |                 |                |                     |      |                            |      |
| F003          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| F005          | Spent non-halogenated solvents                                        |                 |                |                     |      |                            |      |
| U239          | Xylene (I)                                                            |                 |                |                     |      |                            |      |
|               | More than one waste code was reported for the following waste amount: | 60              | POUNDS         | GENERATED           | 2011 |                            |      |
| D001          | Solid waste that exhibits the characteristic of ignitability          |                 |                |                     |      |                            |      |
| U154          | Methyl alcohol (I)                                                    |                 |                |                     |      |                            |      |

NYS DEC Manifested Waste Transactions for NYD981561301 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U182                                                                  | 1,3,5-Trioxane, 2,4,6-trimethyl-                                             |                 |                |                     |      |                            |      |
| U239                                                                  | Xylene (I)                                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 4               | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 11              | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| D011                                                                  | Silver                                                                       |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 200             | POUNDS         | GENERATED           | 2010 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 5               | POUNDS         | GENERATED           | 2010 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 15              | POUNDS         | GENERATED           | 2010 |                            |      |
| D022                                                                  | Chloroform                                                                   |                 |                |                     |      |                            |      |
| U005                                                                  | 2-Acetylaminofluorene                                                        |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                                       |                 |                |                     |      |                            |      |
| D008                                                                  | Lead                                                                         | 2               | POUNDS         | GENERATED           | 2009 | 350                        | 2000 |
| D022                                                                  | Chloroform                                                                   | 20              | POUNDS         | GENERATED           | 2009 | 100                        | 2007 |
| U058                                                                  | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide | 25              | POUNDS         | GENERATED           | 2009 | 41                         | 2005 |
| More than one waste code was reported for the following waste amount: |                                                                              | 550             | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity                  |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (I)                                                                  |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                                              | 330             | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability                 |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (I)                                                                  |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD981561301 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 200             | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U239                                                                  | Xylene (I)                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2009 | 1                          | 2008 |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| P105                                                                  | Sodium azide                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 300             | POUNDS         | GENERATED           | 2009 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U227                                                                  | Ethane, 1,1,2-trichloro-                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 6               | POUNDS         | GENERATED           | 2009 |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| U226                                                                  | Ethane, 1,1,1-trichloro-                                     |                 |                |                     |      |                            |      |
| P067                                                                  | Aziridine, 2-methyl-                                         | 1               | POUNDS         | GENERATED           | 2008 |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 2               | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D007                                                                  | Chromium                                                     |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 150             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U162                                                                  | 2-Propenoic acid, 2-methyl-, methyl ester (I,T)              |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 150             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (I)                                                  |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (I)                                           |                 |                |                     |      |                            |      |
| U239                                                                  | Xylene (I)                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 40              | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U002                                                                  | Acetone (I)                                                  |                 |                |                     |      |                            |      |



NYS DEC Manifested Waste Transactions for NYD981561301 continued ---- see previous page

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| U239                                                                  | Xylene (l)                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 150             | POUNDS         | GENERATED           | 2008 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U031                                                                  | n-Butyl alcohol (l)                                          |                 |                |                     |      |                            |      |
| U154                                                                  | Methyl alcohol (l)                                           |                 |                |                     |      |                            |      |
| U239                                                                  | Xylene (l)                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 2               | POUNDS         | GENERATED           | 2008 |                            |      |
| D004                                                                  | Arsenic                                                      |                 |                |                     |      |                            |      |
| U138                                                                  | Methane, iodo-                                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 35              | POUNDS         | GENERATED           | 2008 |                            |      |
| D011                                                                  | Silver                                                       |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U007                                                                  | 2-Propenamide                                                |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U080                                                                  | Methane, dichloro-                                           |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| U122                                                                  | Formaldehyde                                                 |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 210             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 300             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| F005                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 10              | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| U162                                                                  | 2-Propenoic acid, 2-methyl-, methyl ester (l,T)              |                 |                |                     |      |                            |      |

## NYS DEC Manifested Waste Transactions for NYD981561301 continued ----

| WASTE<br>CODE                                                         | WASTE<br>DESCRIPTION                                         | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|-----------------------------------------------------------------------|--------------------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| More than one waste code was reported for the following waste amount: |                                                              | 15              | POUNDS         | GENERATED           | 2007 |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 465             | POUNDS         | GENERATED           | 2007 |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               |                 |                |                     |      |                            |      |
| U239                                                                  | Xylene (I)                                                   |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 1               | POUNDS         | GENERATED           | 2007 |                            |      |
| D009                                                                  | Mercury                                                      |                 |                |                     |      |                            |      |
| P092                                                                  | Mercury, (acetato-O)phenyl-                                  |                 |                |                     |      |                            |      |
| F003                                                                  | Spent non-halogenated solvents                               | 1125            | POUNDS         | GENERATED           | 2006 | 1440                       | 2004 |
| U010                                                                  | Mitomycin C                                                  | 40              | POUNDS         | GENERATED           | 2006 |                            |      |
| U044                                                                  | Methane, trichloro-                                          | 125             | POUNDS         | GENERATED           | 2006 |                            |      |
| U122                                                                  | Formaldehyde                                                 | 45              | POUNDS         | GENERATED           | 2006 |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 20              | POUNDS         | GENERATED           | 2006 |                            |      |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 3               | POUNDS         | GENERATED           | 2006 |                            |      |
| D003                                                                  | Solid waste that exhibits the characteristic of reactivity   |                 |                |                     |      |                            |      |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability |                 |                |                     |      |                            |      |
| More than one waste code was reported for the following waste amount: |                                                              | 150             | POUNDS         | GENERATED           | 2006 |                            |      |
| D022                                                                  | Chloroform                                                   |                 |                |                     |      |                            |      |
| U188                                                                  | Phenol                                                       |                 |                |                     |      |                            |      |
| U044                                                                  | Methane, trichloro-                                          |                 |                |                     |      |                            |      |
| U151                                                                  | Mercury                                                      | 8               | POUNDS         | GENERATED           | 2005 |                            |      |
| U162                                                                  | 2-Propenoic acid, 2-methyl-, methyl ester (I,T)              | 188             | POUNDS         | GENERATED           | 2005 |                            |      |
| D005                                                                  | Barium                                                       | 10              | POUNDS         | GENERATED           | 2004 | 25                         | 1999 |
| D007                                                                  | Chromium                                                     | 15              | POUNDS         | GENERATED           | 2004 | 40                         | 2001 |
| P098                                                                  | Potassium cyanide K(CN)                                      | 1               | POUNDS         | GENERATED           | 2004 | 3                          | 1999 |
| D001                                                                  | Solid waste that exhibits the characteristic of ignitability | 18              | GALLONS        | GENERATED           | 2003 | 162                        | 2001 |
| D002                                                                  | Solid waste that exhibits the characteristic of corrosivity  | 3               | GALLONS        | GENERATED           | 2003 | 32                         | 2001 |
| F002                                                                  | Spent halogenated solvents                                   | 400             | POUNDS         | GENERATED           | 2003 |                            |      |

## NYS DEC Manifested Waste Transactions for NYD981561301 continued ---

| WASTE<br>CODE | WASTE<br>DESCRIPTION                            | WASTE<br>AMOUNT | WASTE<br>UNITS | TRANSACTION<br>TYPE | YEAR | HISTORIC MAXIMUM<br>AMOUNT | YEAR |
|---------------|-------------------------------------------------|-----------------|----------------|---------------------|------|----------------------------|------|
| F003          | Spent non-halogenated solvents                  | 30              | GALLONS        | GENERATED           | 2003 | 151                        | 1998 |
| U012          | Benzenamine (I,T)                               | 1               | GALLONS        | GENERATED           | 2003 |                            |      |
| U012          | Benzenamine (I,T)                               | 40              | POUNDS         | GENERATED           | 2003 |                            |      |
| F001          | Spent halogenated solvents used in degreasing   | 100             | POUNDS         | GENERATED           | 2002 |                            |      |
| D008          | Lead                                            | 5               | GALLONS        | GENERATED           | 2001 |                            |      |
| P105          | Sodium azide                                    | 1               | POUNDS         | GENERATED           | 2001 | 2                          | 2000 |
| U108          | 1,4-Diethyleneoxide                             | 1               | GALLONS        | GENERATED           | 2001 |                            |      |
| U122          | Formaldehyde                                    | 3               | GALLONS        | GENERATED           | 2001 | 30                         | 1989 |
| U188          | Phenol                                          | 7               | GALLONS        | GENERATED           | 2001 | 14                         | 1996 |
| U196          | Pyridine                                        | 1               | GALLONS        | GENERATED           | 2001 |                            |      |
| D019          | Carbon Tetrachloride                            | 100             | POUNDS         | GENERATED           | 2000 |                            |      |
| U123          | Formic acid (C,T)                               | 9               | POUNDS         | GENERATED           | 2000 | 87                         | 1999 |
| U162          | 2-Propenoic acid, 2-methyl-, methyl ester (I,T) | 1               | GALLONS        | GENERATED           | 2000 |                            |      |
| U165          | Naphthalene                                     | 25              | POUNDS         | GENERATED           | 2000 |                            |      |
| U172          | 1-Butanamine, N-butyl-N-nitroso-                | 65              | POUNDS         | GENERATED           | 2000 |                            |      |
| U246          | Cyanogen bromide (CN)Br                         | 2               | POUNDS         | GENERATED           | 2000 |                            |      |
| U069          | 1,2-Benzenedicarboxylic acid, dibutyl ester     | 50              | POUNDS         | GENERATED           | 1999 |                            |      |
| U117          | Ethyl ether (I)                                 | 2               | POUNDS         | GENERATED           | 1998 |                            |      |
| F005          | Spent non-halogenated solvents                  | 28              | GALLONS        | GENERATED           | 1997 | 775                        | 1992 |
| U133          | Hydrazine (R,T)                                 | 1               | GALLONS        | GENERATED           | 1996 |                            |      |
| R001          | Unknown waste type.                             | 90              | GALLONS        | GENERATED           | 1994 |                            |      |
| U021          | Benzidine                                       | 1               | POUNDS         | GENERATED           | 1988 |                            |      |

NOTE: 2012 waste amounts are for 1/1/12 to 8/26/12 only



***NO CHEMICAL STORAGE FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS***



***NO HISTORIC UTILITY SITES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS***



***NO HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS***

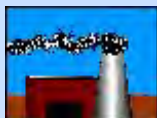


***NO TOXIC AIR, LAND AND WATER RELEASES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS***



***NO WASTEWATER DISCHARGES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS***



**AIR DISCHARGE FACILITIES IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS**

PLEASE NOTE: \* Compass directions can vary substantially for sites located very close to the subject property address.

**Map Identification Number 726**

**ROCKEFELLER UNIVERSITY**  
1230 YORK AVENUE

NEW YORK, NY 10021

**Facility Id: 36061N0100**

**State-county CDS Id: 36061N0100**

State-county NED id:

TT-ID: 900A-0004-141

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 97 feet to the NNW\*

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

CDS-ID: N0100 NED-ID: None Given

Plant Phone #1: (212)327-8425 Plant Phone #2: None Given

Operating Status: OPERATING

EPA Classification:

State Classification: ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS

EPA Plant Compliance Status:

State Plant Compliance Status: UNKNOWN COMPLIANCE STATUS

EPA-ID: None Given

FINDS-ID: None Given

**AIR PROGRAM INFORMATION**

Regulatory Air Program: SIP SOURCE

Regulatory Air Program: NON-FEDERALLY REPORTABLE SOURCE

Regulatory Air Program: TITLE V PERMITS

Program Status: OPERATING

Program Status: OPERATING

Program Status: OPERATING

**POLLUTANT INFORMATION**

Pollutant: NITRIC OXIDE

State Pollutant Compliance for this pollutant: UNKNOWN COMPLIANCE STATUS

Pollutant: NITROGEN DIOXIDE

State Pollutant Compliance for this pollutant: UNKNOWN COMPLIANCE STATUS

Pollutant: NITROGEN DIOXIDE

State Pollutant Compliance for this pollutant: IN COMPLIANCE – CERTIFICATION

**Map Identification Number 727****NEW YORK– PRESBYTERIAN HOSPITAL**

525 EAST 68TH STREET

NEW YORK, NY 10021

**Facility Id: 36061N1117****State–county CDS Id: 36061N1117**

State–county NED id:

TT-ID: 900A–0004–656

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 336 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

CDS-ID: N1117 NED-ID: None Given

Plant Phone #1: (212)746–1947 Plant Phone #2: None Given

Operating Status: OPERATING

EPA Classification: ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS

State Classification: ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS

EPA Plant Compliance Status:

State Plant Compliance Status: IN VIOLATION WITH REGARD TO PROCEDURAL COMPLIANCE

EPA-ID: None Given

FINDS-ID: None Given

**AIR PROGRAM INFORMATION**

Regulatory Air Program: SIP SOURCE

Regulatory Air Program: TITLE V PERMITS

Program Status: OPERATING

Program Status: OPERATING

**POLLUTANT INFORMATION**

Pollutant: NITROGEN DIOXIDE

State Pollutant Compliance for this pollutant: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

Pollutant: NITROGEN DIOXIDE

State Pollutant Compliance for this pollutant: IN VIOLATION WITH REGARD TO PROCEDURAL COMPLIANCE

**CIVIL & ADMINISTRATIVE ENFORCEMENT DOCKET FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS**

PLEASE NOTE: \* Compass directions can vary substantially for sites located very close to the subject property address.

**Map Identification Number 728****NEW YORK HOSPITAL THE**  
525 E 68TH ST

NEW YORK, NY 10021

**Facility Id: NYD068241132**  
TT-Id: 920A-0000-864

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE

Approximate distance from property: 339 feet to the N

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

## =====

## ADMINISTRATIVE DOCKET CASE INFORMATION

=====

| DOCKET<br>CASE # | COURT<br>DOCKET NUMBER | DATE<br>ISSUED | DATE<br>FINAL ORDER ISSUED | CASE<br>NAME                   |
|------------------|------------------------|----------------|----------------------------|--------------------------------|
| 02-1998-0415     | 98-0110                | 09-18-1998     | 02-23-1999                 | NEW YORK AND PRESBYTERIAN HOSP |

DEFENDANT NAME(S): NEW YORK HOSPITAL (THE)  
PRESBYTERIAN HOSPITAL

## LAW(S) VIOLATED

Clean Air Act – Section OTHER

## DISPOSITION OF CASE

Consent instrument with penalty

FEDERAL PENALTY ASSESSED 46200 COST RECOVERY AWARDED

## TYPE OF VIOLATION(S)

Discharge, Emission Or Activity WO Required Permit

## TYPE OF POLLUTANT(S)

Nitrogen Oxide

**NYC ENVIRONMENTAL QUALITY REVIEW REQUIREMENTS – "E" DESIGNATION SITES IDENTIFIED WITHIN 250 FT SEARCH RADIUS**

PLEASE NOTE: \* Compass directions can vary substantially for sites located very close to the subject property address.

**Map Identification Number 729**      **BLOCK: 1463 LOT: 21**  
 1273 YORK AVENUE

**TT-Id: 820A-0003-156**

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 240 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: No Change

Revised zip code: No Change

| BBL #        | E No. | CEQR No.  | ULURP No.  | NYC<br>Zoning Maps | Effective<br>Date | Lot Remediation<br>Date | Description                                     |
|--------------|-------|-----------|------------|--------------------|-------------------|-------------------------|-------------------------------------------------|
| 1-01463-0021 | E-105 | 01DCP050M | 010547 ZMM | 8c 9a              | 12/19/2001        |                         | Window Wall Attenuation & Alternate Ventilation |

U.S. EPA EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) SPILLS  
AT THE LOCATION OR POTENTIALLY AT THE LOCATION OF  
Rockefeller Univ. Laboratory Building  
New York, NY 10021

\* Any ERNS Spills listed below are NOT mapped in this report \*

POTENTIALLY ONSITE ERNS:

\*\*\*\*\*

Spill Number (ID): 286106

Spill Date: 09/30/1992

Location: NEAR FDR DRIVE  
Spill City: NEW YORK

NY 10010

| Material Spilled | Quantity Spilled | Units | Pounds | Quantity Released in Water | Units | Casno |
|------------------|------------------|-------|--------|----------------------------|-------|-------|
| UNKNOWN OIL      | 0.00             | UNK   | 0.00   | 0.00                       | UNK   |       |

Potentially Responsible Party (Discharger):  
Discharger Address:

Dun and Bradstreet Number:

Organization Type:

Medium(s) Affected:

Air: F Land: F Water: T Groundwater: F Contained within Fixed Facility: F Other: F

Waterway Affected: EAST RIVER NEAR WEST BANK

Damages Incurred: F Estimated Cost of Property Damage: \$0.00

Cause(s):

|                          |   |                     |   |
|--------------------------|---|---------------------|---|
| Transportation Accident: | F | Equipment Failure:  | F |
| Operator Error:          | F | Natural Phenomenon: | F |
| Dumping:                 | F | Other Cause:        | F |
| Unknown:                 | F |                     |   |

Cause of the incident:

Source of Release:

Type of Transportation Involved: UNKNOWN (NRC)

Action: UNKNOWN

Description: UNKNOWN / UNKNOWN SHEEN SIGHTING SHEEN SIZE: 15 FEET BY 1/4 MILE

Miscellaneous:

\*\*\*\*\*

Spill Number (ID): 360167

Spill Date: 02/18/1994

Location: CG FERRY TERMINAL FDR DRIVE  
Spill City: MANHATTAN

NY

| Material | Quantity | Units | Pounds | Quantity Released | Units | Casno |
|----------|----------|-------|--------|-------------------|-------|-------|
|----------|----------|-------|--------|-------------------|-------|-------|

|             |         |     |      |          |     |
|-------------|---------|-----|------|----------|-----|
| Spilled     | Spilled |     |      | in Water |     |
| UNKNOWN OIL | 0.00    | UNK | 0.00 | 0.00     | UNK |

Potentially Responsible Party (Discharger):  
Discharger Address:

Dun and Bradstreet Number: Organization Type:

Medium(s) Affected:  
Air: F Land: T Water: F Groundwater: F Contained within Fixed Facility: F Other: F  
Waterway Affected: PAVEMENT//10FT X 15FT  
Damages Incurred: F Estimated Cost of Property Damage: \$0.00

Cause(s):  
Transportation Accident: F Equipment Failure: F  
Operator Error: F Natural Phenomenon: F  
Dumping: F Other Cause: F  
Unknown: F  
Cause of the incident: Source of Release:  
Type of Transportation Involved: UNKNOWN (NRC)

Action: NONE

Description: CALLER STATES THAT OIL ON THE STREET IS FLOWING INTO A MANHOLE DRAIN

Miscellaneous:

\*\*\*\*\*

Spill Number (ID): 531500 Spill Date: 04/15/1997

Location: EAST RIVER 59TH ST HELO PORT 59TH ST AND FDR DRIVE  
Spill City: MANHATTAN NY

| Material<br>Spilled | Quantity<br>Spilled | Units | Pounds | Quantity Released<br>in Water | Units | Casno |
|---------------------|---------------------|-------|--------|-------------------------------|-------|-------|
| JET FUEL: JP-4      | 15.00               | GAL   | 105.00 | 15.00                         | GAL   |       |

Potentially Responsible Party (Discharger): COLGATE PALMOLIVE CO  
Discharger Address:

NEW YORK NY  
Dun and Bradstreet Number: Organization Type: PRIVATE ENTERPRISE

Medium(s) Affected:  
Air: F Land: F Water: T Groundwater: F Contained within Fixed Facility: F Other: F  
Waterway Affected: EAST RIVER  
Damages Incurred: F Estimated Cost of Property Damage: \$0.00

Cause(s):  
Transportation Accident: F Equipment Failure: F  
Operator Error: F Natural Phenomenon: F  
Dumping: F Other Cause: F  
Unknown: F  
Cause of the incident: Source of Release:  
Type of Transportation Involved: AIR TRANSPORT RELATED

Action: RELEASE IS SECURED / SALVAGE WAS COMPLETED LAST NIGHT / NO CLEANUP WAS FEASIBLE / MATERIAL DISSIPATED  
Description: HELICOPTER / CRASHED IN THE EAST RIVER / LOST REAR ROTOR / LESS THAN 80 GALLONS OF FUEL ONBOARD /  
Miscellaneous: REGISTRATION NUMBER FOR HELO: N909CP / ACTIVITIES INVESTIGATED /

\*\*\*\*\*

Spill Number (ID): 54713

Spill Date: 04/15/1988

Location: FDR DRIVE AT EAST 71ST STREET ON NORTH BOUND ROADWAY  
Spill City: NY

| Material Spilled | Quantity Spilled | Units | Pounds  | Quantity Released in Water | Units | Casno |
|------------------|------------------|-------|---------|----------------------------|-------|-------|
| NO 6 FUEL OIL    | 500.00           | GAL   | 4000.00 | 0.00                       | NON   |       |

Potentially Responsible Party (Discharger):  
Discharger Address:

Dun and Bradstreet Number:

Organization Type:

Medium(s) Affected:

Air: F Land: T Water: F Groundwater: F Contained within Fixed Facility: F Other: F

Waterway Affected: ROADWAY

Damages Incurred: F Estimated Cost of Property Damage: \$0.00

Cause(s):

|                            |                       |
|----------------------------|-----------------------|
| Transportation Accident: F | Equipment Failure: F  |
| Operator Error: F          | Natural Phenomenon: F |
| Dumping: F                 | Other Cause: F        |
| Unknown: F                 |                       |

Cause of the incident:

Source of Release:

Type of Transportation Involved: FIXED FACILITY

Action: OIL BEING CONTAINED WITH SAND BY CO. EMPLOYEES & FD CLEAN BEING DONE BY TRIPLE A POLLUTION

Description: 6 INCH INTERNAL PIPE LINE/UNK

Miscellaneous:

\*\*\*\*\*

Spill Number (ID): 60571

Spill Date: 06/23/1988

Location: 71ST ST AND FDR DR  
Spill City: MANHATTAN NY

| Material Spilled | Quantity Spilled | Units | Pounds | Quantity Released in Water | Units | Casno |
|------------------|------------------|-------|--------|----------------------------|-------|-------|
| NO 6 FUEL OIL    | 0.00             | UNK   | 0.00   | 0.00                       | UNK   |       |

Potentially Responsible Party (Discharger):

Discharger Address:

Dun and Bradstreet Number:

Organization Type:

Medium(s) Affected:

Air: F Land: F Water: T Groundwater: F Contained within Fixed Facility: F Other: F

Waterway Affected: EAST RIVER

Damages Incurred: F Estimated Cost of Property Damage: \$0.00

Cause(s):

Transportation Accident: F Equipment Failure: F

Operator Error: F Natural Phenomenon: F

Dumping: F Other Cause: F

Unknown: F

Cause of the incident:

Source of Release:

Type of Transportation Involved: PIPELINE RELATED

Action: WILL PUT BOOM OUT AND CALL CLEAN UP CO.

Description: PIPE LINE UNDERGROUND/LEAKING

Miscellaneous:

\*\*\*\*\*

Spill Number (ID): 77352

Spill Date: 04/15/1988

Location:

Spill City: NY

| Material Spilled | Quantity Spilled | Units | Pounds | Quantity Released in Water | Units | Casno |
|------------------|------------------|-------|--------|----------------------------|-------|-------|
| Oil, fuel: No. 6 | 30.00            | GAL   | 240.00 | 30.00                      |       |       |

Potentially Responsible Party (Discharger): COND EDISON FDR DRIVE PIPELINE

Discharger Address:

Dun and Bradstreet Number:

Organization Type:

Medium(s) Affected:

Air: F Land: F Water: F Groundwater: F Contained within Fixed Facility: F Other: F

Waterway Affected: EAST RIVER MILE: 1.0

Damages Incurred: F Estimated Cost of Property Damage: \$0.00

Cause(s):

Transportation Accident: F Equipment Failure: F

Operator Error: F Natural Phenomenon: F

Dumping: F Other Cause: F

Unknown: F

Cause of the incident:

Source of Release:

Type of Transportation Involved: FIXED FACILITY

Action: OSC: USCG ACTION: CLEAN-UP PERF.

Description: OPER: SHIFTING OF BULK LIQUIDS PRIMARY CAUSE: STRUCTURAL FAILURE SECONDARY CAUSE: PIPELINE RUP, LEAK

Miscellaneous: PORT: NYCCP



\*\*\*\*\*

Spill Number (ID): 586651

Spill Date: 07/15/1998

Location: 68 ST AND YORK AVE  
Spill City: NEW YORK

NY

| Material Spilled | Quantity Spilled | Units | Pounds | Quantity Released in Water | Units | Casno |
|------------------|------------------|-------|--------|----------------------------|-------|-------|
| ASBESTOS         | 0.00             | UNK   | 0.00   | 0.00                       | NON   |       |

Potentially Responsible Party (Discharger): CON-EDISON

Discharger Address: 4 IRVING PLACE

NEW YORK

NY 10003

Dun and Bradstreet Number:

Organization Type: PUBLIC UTILITY

Medium(s) Affected:

Air: F Land: T Water: F Groundwater: F Contained within Fixed Facility: F Other: F

Waterway Affected: SOIL

Damages Incurred: F Estimated Cost of Property Damage: \$0.00

Cause(s):

Transportation Accident: F Equipment Failure: F

Operator Error: F Natural Phenomenon: F

Dumping: F Other Cause: F

Unknown: F

Cause of the incident:

Source of Release:

Type of Transportation Involved: FIXED FACILITY

Action: CLEAN UP CREW ON SCENE

Description: STEAM MAIN / BREAK IN WATER MAIN

Miscellaneous: ASBESTOS IS SATURATED WITH WATER WILL NOTIFY: STATE / CITY

\*\*\*\*\*

Spill Number (ID): 586657

Spill Date: 07/15/1998

Location: YORK AVENUE BETWEEN E63 ST AND E68 STREET  
Spill City: NEW YORK

NY

| Material Spilled                 | Quantity Spilled | Units | Pounds | Quantity Released in Water | Units | Casno |
|----------------------------------|------------------|-------|--------|----------------------------|-------|-------|
| FRESH WATER MAIN BREAK CAUSING R | 0.00             | UNK   | 0.00   | 0.00                       | UNK   |       |

Potentially Responsible Party (Discharger): CONN EDISON

Discharger Address: UNKNOWN

MANHATTAN

NY

Dun and Bradstreet Number:

Organization Type:

Medium(s) Affected:

Air: F Land: T Water: F Groundwater: F Contained within Fixed Facility: F Other: F

Waterway Affected: LAND > STREET SURFACE AND UNDER STREET

Damages Incurred: F Estimated Cost of Property Damage: \$0.00

Cause(s):

Transportation Accident: F Equipment Failure: F  
Operator Error: F Natural Phenomenon: F  
Dumping: F Other Cause: F  
Unknown: F

Cause of the incident:

Source of Release:

Type of Transportation Involved: FIXED FACILITY

Action: UNKNOWN

Description: 36 INCH UNDERGROUND WATER MAIN/UNKNOWN (WATER MAIN WAS WRAPPED IN INSULATION CONTAINING ASBESTOS WHICH WAS RELEASED WHEN BREAK OCCURED)

Miscellaneous: YORK AVE AND FDR DRIVE WERE BOTH CLOSED FOR SEVERAL HOURS WILL CALL: DEC

\*\*\*\*\*

Spill Number (ID): 590551

Spill Date: 08/17/1998

Location: 70TH ST AND YORK AVE

Spill City: NEW YORK NY

| Material Spilled | Quantity Spilled | Units | Pounds | Quantity Released in Water | Units | Casno |
|------------------|------------------|-------|--------|----------------------------|-------|-------|
| ASBESTOS         | 0.00             | UNK   | 0.00   | 0.00                       | NON   |       |

Potentially Responsible Party (Discharger): CON EDISON

Discharger Address: 128 WEST END AVE

NEW YORK

NY 10023

Dun and Bradstreet Number:

Organization Type: PUBLIC UTILITY

Medium(s) Affected:

Air: T Land: F Water: F Groundwater: F Contained within Fixed Facility: F Other: F

Waterway Affected: ATMOSPHERE

Damages Incurred: F Estimated Cost of Property Damage: \$0.00

Cause(s):

Transportation Accident: F Equipment Failure: F  
Operator Error: F Natural Phenomenon: F  
Dumping: F Other Cause: F  
Unknown: F

Cause of the incident:

Source of Release:

Type of Transportation Involved: FIXED FACILITY

Action: MAIN HOT WATER LINE IS BEING SHUT DOWN AND WILL BE REPAIRED IF NECESSARY / IT IS NOT KNOWN FOR SURE IF THERE HAS BEEN A RELEASE

Description: OFFICE STEM PIPE / STEAM IS EMITTING FROM THE PIPE WHICH IS COVERED WITH INSULATION WHICH MAY CONTAIN ASBESTOS

Miscellaneous: WILL NOTIFY: NYDEC NEW YORK DEP IS ON SCENE

\*\*\*\*\*

Spill Number (ID): 594398

Spill Date: 07/15/1998

Location: 68 ST AND YORK AVE  
Spill City: NEW YORK

NY

| Material Spilled | Quantity Spilled | Units | Pounds | Quantity Released in Water | Units | Casno    |
|------------------|------------------|-------|--------|----------------------------|-------|----------|
| ASBESTOS         | 0.00             | UNK   | 0.00   | 0.00                       | UNK   | 53897628 |

Potentially Responsible Party (Discharger): CON-EDISON  
Discharger Address: 4 IRVING PLACE

NEW YORK  
Dun and Bradstreet Number:

NY 10003  
Organization Type: PUBLIC UTILITY

Medium(s) Affected:

Air: F Land: T Water: F Groundwater: F Contained within Fixed Facility: F Other: F

Waterway Affected:

Damages Incurred: F Estimated Cost of Property Damage: \$0.00

Cause(s):

|                          |   |                     |   |
|--------------------------|---|---------------------|---|
| Transportation Accident: | F | Equipment Failure:  | T |
| Operator Error:          | F | Natural Phenomenon: | F |
| Dumping:                 | F | Other Cause:        | F |
| Unknown:                 | F |                     |   |

Cause of the incident: PIPELINE

Source of Release:

Type of Transportation Involved: FIXED FACILITY

Action: CLEAN UP CREW ON SCENE

Description: STEAM MAIN PIPE STEAM MAIN / BREAK IN WATER MAIN

Miscellaneous: ASBESTOS IS SATURATED WITH WATER WILL NOTIFY: STATE / CITY NYSDEC CASE# 98-04691

\*\*\*\*\*

## Unmappable facilities for 'New York' County

## NPL/CERCLIS/NYSDEC Inactive Haz. Waste or Reg. Qual. Sites

| FACILITY ID  | FACILITY NAME           | STREET         | CITY             | ZIP     |
|--------------|-------------------------|----------------|------------------|---------|
| NYD980531610 | MATHESON LEAD CO        | 559 VERNON AVE | LONG ISLAND CITY | UNKNOWN |
| NYD980531578 | LEROY SHOT & LEAD WORKS | UNKNOWN        | NEW YORK         | UNKNOWN |

## Solid Waste Facilities

| FACILITY ID | FACILITY NAME            | STREET | CITY | ZIP     |
|-------------|--------------------------|--------|------|---------|
| 31D02       | PENN CENTRAL DEMO        |        |      | UNKNOWN |
| 31T06       | N.Y. CARTING T.S.        |        |      | UNKNOWN |
| 41D01       | NY NEWS GRAVURE PLANT    |        |      | UNKNOWN |
| 41D03       | CAPITAL PROJECT SE-43A   |        |      | UNKNOWN |
| 41D04       | MTA DEMO SITE            |        |      | UNKNOWN |
| 41T43       | SALVATORE RUSSO INC.     |        |      | UNKNOWN |
| 41T63       | LIZZA, LIZZA, HOCHREITER |        |      | UNKNOWN |

## Hazardous Spills - TANK TEST FAILURES - Active

| FACILITY ID | FACILITY NAME         | STREET      | CITY      | ZIP     |
|-------------|-----------------------|-------------|-----------|---------|
| 1108592     | TANK TEST FAILURE TTF | 500 ACE AVE | MANHATTEN | UNKNOWN |

## Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Active

| FACILITY ID | FACILITY NAME | STREET                    | CITY     | ZIP     |
|-------------|---------------|---------------------------|----------|---------|
| 1200135     | SERVICE BOX   | IN FRONT 406 WEST MAIN ST | NEW YORK | UNKNOWN |

## Hazardous Spills - MISC. SPILL CAUSES - Active

| FACILITY ID | FACILITY NAME           | STREET                   | CITY                    | ZIP     |
|-------------|-------------------------|--------------------------|-------------------------|---------|
| 9930008     | VARIOUS LOCATIONS DRUMS | DRUMS VARIOUS LOCATIONS  | NEW YORK CITY (5 BOROS) | UNKNOWN |
| 9512501     | FEEDER 28243M           | ASTORIA W TO QBRIDGE S/S | QUEENS                  | UNKNOWN |

## Hazardous Spills - TANK FAILURES - Closed

| FACILITY ID | FACILITY NAME   | STREET          | CITY   | ZIP     |
|-------------|-----------------|-----------------|--------|---------|
| 9307407     | WEST OF MASPETH | WEST OF MASPETH | QUEENS | UNKNOWN |

## Hazardous Spills - TANK TEST FAILURES - Closed

| FACILITY ID | FACILITY NAME        | STREET                   | CITY          | ZIP     |
|-------------|----------------------|--------------------------|---------------|---------|
| 9001811     | PIER #192            | PORT AUTHORITY PIER #192 | NEW YORK      | UNKNOWN |
| 8802622     | 85-09 1ST AVENUE     | 85-09 1ST AVENUE         | NEW YORK CITY | UNKNOWN |
| 9314507     | QUEENSBRIDGE PLANT F | 4105 VERNON BLVD.        | QUEENS        | 11101   |

## Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Closed

| FACILITY ID | FACILITY NAME             | STREET                    | CITY                   | ZIP     |
|-------------|---------------------------|---------------------------|------------------------|---------|
| 8909328     | EAST RIVER/QUEENS         | EAST RIVER                | ASTORIA                | UNKNOWN |
| 0209904     | VARIOUS DEP -BWSO SITES   | MISC.                     | BRONX/QUEENS/MANHATTAN | UNKNOWN |
| 9408050     | VERNON BLVD & 5TH         | VERNON BLVD               | LONG ISLAND CITY       | 11101   |
| 9909356     | MANHOLE 42241             | CENTER ISLAND & PARK RD   | MANHATTAN              | UNKNOWN |
| 9903608     | MANHOLE 107               | 55TH STREET               | MANHATTAN              | UNKNOWN |
| 9815195     | MANHOLE 63322             | EAST RIVER NORTH END      | MANHATTAN              | UNKNOWN |
| 9507615     | EAST RIVER                | SOUTH OF ROOSEVELT ISLAND | MANHATTAN              | UNKNOWN |
| 9504860     | SO. QUEENSBORO BRIDGE     | SO. QUEENSBORO BRIDGE     | MANHATTAN              | UNKNOWN |
| 9503001     | 57TH ST & 72ND ST         | 57TH ST & 72ND ST         | MANHATTAN              | UNKNOWN |
| 9502162     | ROOSEVELT ISLAND          | ROOSEVELT ISLAND- NY HOSP | MANHATTAN              | UNKNOWN |
| 9413622     | EAST RIVER                | EAST RIVER- NY & B'KLYN   | MANHATTAN              | UNKNOWN |
| 9413538     | STERLING RD & UNION PK RD | STERLING RD & UNION PK RD | MANHATTAN              | UNKNOWN |
| 9401831     | NYS PRISON BARGE          | NYS PRISON BARGE          | MANHATTAN              | UNKNOWN |
| 9210530     | ROOSEVELT ISLAND          | ROOSEVELT ISLAND          | MANHATTAN              | 10044   |
| 9006769     | RESTAURANT/UNK ADDRESS    | UNKNOWN                   | MANHATTAN              | UNKNOWN |

|         |                                          |                                   |                  |         |
|---------|------------------------------------------|-----------------------------------|------------------|---------|
| 8806491 | EAST 70TH ST/MANHATTAN                   | EAST 70TH STREET                  | MANHATTAN        | 10021   |
| 8504758 | MANHATTAN                                | MANHATTAN                         | MANHATTAN        | UNKNOWN |
| 8503796 | MANHATTAN                                | MANHATTAN                         | MANHATTAN        | UNKNOWN |
| 8503779 | MANHATTAN                                | MANHATTAN                         | MANHATTAN        | UNKNOWN |
| 8503506 | MANHATTAN                                | MANHATTAN                         | MANHATTAN        | UNKNOWN |
| 8503421 | MANHATTAN                                | MANHATTAN, EAST RIVER             | MANHATTAN        | WHR10   |
| 8503301 | MANHATTAN                                | MANHATTAN                         | MANHATTAN        | UNKNOWN |
| 8503107 | MANHATTAN                                | MANHATTAN                         | MANHATTAN        | UNKNOWN |
| 1107096 | VERNON AND EAST 40 ST SUB STATION        | VERNON AND EAST 40 ST SUB STATION | MANHATTAN        | UNKNOWN |
| 1103675 | EAST RIVER EASTSIDE OF ROOSEVELT ISLAND  | NORTH OF 59TH ST BRIDGE           | MANHATTAN        | UNKNOWN |
| 1101432 | ROADWAY                                  | CANAL AND FRONT STREET            | MANHATTAN        | UNKNOWN |
| 1009165 | 222015; ADAM                             | ADAM                              | MANHATTAN        | UNKNOWN |
| 1009163 | 222000; ADAM                             | ADAM                              | MANHATTAN        | UNKNOWN |
| 1009149 | 221851; W ST                             | W ST                              | MANHATTAN        | UNKNOWN |
| 1009119 | 221636; E 55 ST                          | E 55 ST                           | MANHATTAN        | 10022   |
| 1009115 | 221613; E 72 ST                          | E 72 ST                           | MANHATTAN        | 10021   |
| 1009097 | 221484; YORK AVE                         | YORK AVE                          | MANHATTAN        | UNKNOWN |
| 1009056 | 221185; 56 ST                            | 56 ST                             | MANHATTAN        | UNKNOWN |
| 1009030 | 220841; MARGINAL ST                      | MARGINAL ST                       | MANHATTAN        | UNKNOWN |
| 1009017 | 220774; E 61 ST                          | E 61 ST                           | MANHATTAN        | 10021   |
| 1008995 | 220291; E 58 ST                          | E 58 ST                           | MANHATTAN        | 10022   |
| 1008985 | 220219; MARGINAL ST                      | MARGINAL ST                       | MANHATTAN        | UNKNOWN |
| 1008933 | 219796; 61 ST                            | 61 ST                             | MANHATTAN        | UNKNOWN |
| 0910600 | MANHOLE # 5107                           | NORTH SIDE OF EAST NEW YORK AVE   | MANHATTAN        | UNKNOWN |
| 0804938 | FDR DRIVE BETWEEN E 72ND                 | JACKSON STREET                    | MANHATTAN        | UNKNOWN |
| 0610343 | SHAFT #33B                               | 60TH STREET                       | MANHATTAN        | UNKNOWN |
| 0514497 | IRT LINE TRACK 3                         | SOUTH OF 66 ST                    | MANHATTAN        | UNKNOWN |
| 0502081 | TRANSFORMER VAULT4011                    | EAST 58TH STREET                  | MANHATTAN        | 10022   |
| 0500598 | NEW YORK HARBOR                          | NEW HARBOR                        | MANHATTAN        | UNKNOWN |
| 0411590 | CROATON SHAFT 25 BLOWOFF                 | FDR DRIVE                         | MANHATTAN        | UNKNOWN |
| 0407163 | WARDS ISLAND                             | EAST RIVER                        | MANHATTAN        | UNKNOWN |
| 0402835 | UNKNOWN CON ED STRUCTURE                 | NORTHEAST CORNER AND EAST         | MANHATTAN        | UNKNOWN |
| 0206281 | PARKING LOT                              | BULKHEAD/57TH ST                  | MANHATTAN        | UNKNOWN |
| 0205301 | 74TH ST PUMP ROOM                        | 74TH STREET                       | MANHATTAN        | UNKNOWN |
| 0202972 | I/F/O - IN VAULT 9036                    | 385 YORK AV                       | MANHATTAN        | UNKNOWN |
| 0003008 | MANHOLE 0427                             | FDR DR                            | MANHATTAN        | UNKNOWN |
| 1105389 | EAST 13TH ST & ASTORIA ANNEX SUBSTATIONS | BETWEEN 2 STATIONS                | MANHATTAN/QUEENS | UNKNOWN |
| 1006338 | RAW SEWAGE                               | UNKNOWN                           | MANHATTEN        | UNKNOWN |
| 0803449 | FDR DRIVE                                | FDR DRIVE                         | MANHATTON        | UNKNOWN |
| 9910637 | EAST RIVER                               | DOCK FACILITY                     | NEW YORK         | UNKNOWN |
| 9905530 | VARIOUS LOCAIONS                         | CITY AND WESTCHESTER              | NEW YORK         | UNKNOWN |
| 9808577 |                                          | 1500 HARVARD BLVD                 | NEW YORK         | UNKNOWN |
| 9806123 | CON EDISON                               | 70TH ST                           | NEW YORK         | UNKNOWN |
| 9113202 | 77 ST. TO 53 ST. IN MAN.                 | 77TH ST TO 53RD ST                | NEW YORK         | UNKNOWN |
| 8907255 | HERTZ RENT A CAR/MANH                    |                                   | NEW YORK         | UNKNOWN |
| 8904717 | EMS GARAGE                               | ROOSEVELT ISLAND                  | NEW YORK         | 10044   |
| 8604519 | NEW YORK                                 | NEW YORK                          | NEW YORK         | UNKNOWN |
| 8504836 | WATER FRONT MANHATTAN                    | WATER FRONT MANHATTAN             | NEW YORK         | UNKNOWN |
| 0814250 | 212275; 410-416 54 ST                    | 410-416 54 ST                     | NEW YORK         | UNKNOWN |
| 0801987 | PORT OF ELIZABETH                        | APM TERMINAL -BERTH AV8           | NEW YORK         | UNKNOWN |
| 0701280 | DUMPSTER                                 | 57TH STREET & CENTRAL PAR         | NEW YORK         | UNKNOWN |
| 0406845 |                                          | BAYWAY TERMINAL-LINDEN NJ         | NEW YORK         | UNKNOWN |
| 0210329 | OSTANKINO                                | NEW YORK                          | NEW YORK         | UNKNOWN |
| 0210315 | PEARLMAR                                 | NEW YORK                          | NEW YORK         | UNKNOWN |
| 0110864 | ON MARIA KNUITSEN VESSEL                 | KINDER MORGAN DOCK 4              | NEW YORK         | UNKNOWN |
| 9007902 | EAST RIVER/BUOY #28                      | EAST RIVER/BUOY #28               | NEW YORK CITY    | UNKNOWN |
| 8809899 | MASPETH CROSSING/QUEENS                  | MASPETH CROSSING/JAMAICA          | NEW YORK CITY    | UNKNOWN |
| 8703250 | BETWEEN 31ST & 57TH STREE                | BETWEEN 31ST & 57TH STS.          | NEW YORK CITY    | UNKNOWN |
| 8606984 | UNKNOWN ADDRESS !                        | UNKNOWN                           | NEW YORK CITY    | UNKNOWN |
| 8602256 | WOODSIDE QUEENS, NEW YORK                | WOODSIDE                          | NEW YORK CITY    | UNKNOWN |

|         |                            |                                          |                           |         |
|---------|----------------------------|------------------------------------------|---------------------------|---------|
| 0005004 | EAST RIVER 50 FEET FROM    | THE DOCK                                 | NEW YORK CITY             | UNKNOWN |
| 0705884 | EAST RIVER                 | N MAIN ST                                | NEW YORK- ROOSEVELT ISLAN | 10044   |
| 9207036 | BUOYS 22 & 24              | BUOYS 22 & 24                            | NY                        | UNKNOWN |
| 9201610 | E RIVER/HELLS GATE TO U N  | E RIVER/HELLS GATE TO U N                | NYC                       | UNKNOWN |
| 9112696 | BARGE                      | BARGE                                    | NYC                       | UNKNOWN |
| 9110588 | E 75TH-E 80TH STREETS      | E 75TH-E 80TH STREETS                    | NYC                       | 10021   |
| 9107655 | EAST RIVER AT HELL'S GATE  | EAST RIVER AT HELL'S GATE                | NYC                       | UNKNOWN |
| 9902626 | FUEL OIL PIPE LINE #2      | UNDER EAST RIVER                         | QUEENS                    | UNKNOWN |
| 9513153 | BUOY 18 EAST RIVER         | BUOY 18 EAST RIVER                       | QUEENS                    | UNKNOWN |
| 9511665 | VERNON BLVD/EAST RIVER     | VERNON BLVD/EAST RIVER                   | QUEENS                    | UNKNOWN |
| 9502637 | UNK                        | 7 MIDLAND GARDEN                         | QUEENS                    | UNKNOWN |
| 9406035 | E.RIVER - CON ED PLANT     | E. RIVER- CON ED PLANT                   | QUEENS                    | UNKNOWN |
| 9312485 | BACELLENA PT. LIGHT #7.    | BACELLENA PT. LIGHT #7.                  | QUEENS                    | UNKNOWN |
| 9209956 | 41 1ST AVE.                | 41 1ST AVE.                              | QUEENS                    | UNKNOWN |
| 9206327 | DOCK FOR COMMUTER III      | DOCK FOR COMMUTER III                    | QUEENS                    | UNKNOWN |
| 8910591 | EAST RIVER RSVLT ISLE      | EAST RIVER BETW RSVLT ISL                | QUEENS                    | WER20   |
| 7801404 | MIDLAND TAXI, SBWY-MIDLND. | MIDLAND TAXI, SBWY-MIDLND.               | QUEENS                    | UNKNOWN |
| 7800519 | DREDGE PENNSYLVANIA        | DREDGE PENNSYLVANIA                      | QUEENS                    | UNKNOWN |
| 0811632 | CON ED EXCAVATION          | EAST SIDE OF 2ND ST & 84 FT NORTH OF 1ST | QUEENS                    | UNKNOWN |
| 0605639 | JCN DEVELOPMENT            | VERNNON BOULVARD                         | QUEENS                    | UNKNOWN |
| 0404985 | MANHOLE 4496               | W SIDE OF VERNON BLVD/142                | QUEENS                    | 11101   |
| 0306622 | TRANSFORMER SHOP           | BLD 82 ASTORIA                           | QUEENS                    | UNKNOWN |
| 0006269 | RIVER                      | EAST RIVER                               | QUEENS                    | UNKNOWN |
| 9107702 | ROOSEVELT ISLAND HOSPITAL  | ROOSEVELT ISLAND HOSPITAL                | ROOSEVELT ISLAND          | UNKNOWN |
| 8607173 | UNK                        | UNKNOWN                                  | UNKNOWN                   | UNKNOWN |

Hazardous Spills - MISC. SPILL CAUSES - Closed

| FACILITY ID | FACILITY NAME             | STREET                    | CITY             | ZIP     |
|-------------|---------------------------|---------------------------|------------------|---------|
| 8606147     | DEP#926 RAW SEWAGE /MANHA |                           |                  | UNKNOWN |
| 0500536     | VAULT 1236                | 218 FLOORWAY AND 8TH AVE  |                  | UNKNOWN |
| 0405712     | PUMP HOUSE 14             | ASTORIA WEST SUBSTATION   | ASTORIA          | UNKNOWN |
| 9603400     | EAST RIVER                | EAST RIVER                | BROOKLYN         | UNKNOWN |
| 1010037     | DRILL                     | DRILL                     | DRILL            | UNKNOWN |
| 9409434     | 50 N. VERNON BLVD         | 50 N VERNON BLVD          | LONG ISLAND CITY | UNKNOWN |
| 9108276     | 53-01 WOOSLEY STATION     | 53-01 WOOSLEY STATION     | LONG ISLAND CITY | 11101   |
| 0901230     | SUBWAY SYSTEM TRACK D3    | QUEENS PLAZA STATION      | LONG ISLAND CITY | 11101   |
| 0302538     | GETTY TERMINAL            | LONG ISLAND CITY          | LONG ISLAND CITY | UNKNOWN |
| 9910819     | ROOSEVELT ISLAND SO       | PUMP STATION              | MANHATTAN        | 10044   |
| 9907607     | CANAL                     | SANITATION                | MANHATTAN        | UNKNOWN |
| 9807350     | ROOSEVELT ISLAND PUMP STA | ROOSEVELT ISLAND          | MANHATTAN        | 10044   |
| 9805473     | ROSEVELET ISLAND SOUTH    | PUMP STATION SOUTH        | MANHATTAN        | 10044   |
| 9804785     | APT 4J-                   | 10 BAY STREET LANDING     | MANHATTAN        | UNKNOWN |
| 9713418     | UNKNOWN                   | UNKNOWN                   | MANHATTAN        | UNKNOWN |
| 9700305     | EAST RIVER                | EAST RIVER                | MANHATTAN        | UNKNOWN |
| 9608255     | WARDS ISLAND              | EAST RIVER                | MANHATTAN        | UNKNOWN |
| 9512157     | 801 60TH ST               | 801 60TH ST               | MANHATTAN        | UNKNOWN |
| 9507009     | EAST RIVER                | EAST RIVER                | MANHATTAN        | UNKNOWN |
| 9506207     | ROOSEVELT ISLAND SOUTH    | ROOSEVELT ISLAND SOUTH    | MANHATTAN        | 10044   |
| 9501836     | FEEDER 69M07              | TUNNEL UNDER EAST RIVER   | MANHATTAN        | UNKNOWN |
| 9500619     | NYC DEP                   | WATER BET. QUEENS & MANHA | MANHATTAN        | UNKNOWN |
| 9415161     | ISLAND SOUTH PUMPING STA. | EAST RIVER TO ROOSEVELT   | MANHATTAN        | 10044   |
| 9414330     | 5 MORGAN CT               | 5 MORGAN CT               | MANHATTAN        | UNKNOWN |
| 9410330     | 115 LAKE ROAD             | 115 LAKE ROAD             | MANHATTAN        | UNKNOWN |
| 9407490     | NYC DEP                   | ROOSEVELT ISLAND PUMP STA | MANHATTAN        | 10044   |
| 9406506     | EAST RIVER                | EAST RIVER                | MANHATTAN        | UNKNOWN |
| 9402575     | INTO EAST RIVER           | INTO EAST RIVER           | MANHATTAN        | UNKNOWN |
| 9402547     | EAST RIVER                | EAST RIVER                | MANHATTAN        | UNKNOWN |
| 9402295     | LOWER LEVEL EB #12        | LOWER LEVER EB #12        | MANHATTAN        | UNKNOWN |
| 9401684     | EAST RIVER                | EAST RIVER                | MANHATTAN        | UNKNOWN |
| 9314493     | ACROSS EAST RIVER         | ACROSS EAST RIVER         | MANHATTAN        | UNKNOWN |

|         |                                        |                            |                  |         |
|---------|----------------------------------------|----------------------------|------------------|---------|
| 9314223 | FDR DRIVE                              | FDR DR.                    | MANHATTAN        | UNKNOWN |
| 9312441 | 35 GROSS STREET                        | 35 GROSS STREET            | MANHATTAN        | UNKNOWN |
| 9304809 | PLANDOMD ROAD ?                        | PLANDOMD ROAD?             | MANHATTAN        | UNKNOWN |
| 9304189 | EAST RIVER                             | EAST RIVER                 | MANHATTAN        | UNKNOWN |
| 9212593 | 119 ZECNILEYEA AVE                     | 119 ZECNILEYEA AVE         | MANHATTAN        | UNKNOWN |
| 8909472 | LEXINGTON & THIRD AVS                  | 3 AV - LEXINGTON           | MANHATTAN        | UNKNOWN |
| 1010306 | SOIL                                   | 4340 3RD AVE               | MANHATTAN        | UNKNOWN |
| 1010077 | # 7 SUBWAY LINE                        | STEINWAY TUBE C1 C2        | MANHATTAN        | UNKNOWN |
| 1009029 | 220831; 1 AVE AVE                      | 1 AVE AVE                  | MANHATTAN        | UNKNOWN |
| 0912184 | CONSTRUCTION SITE TRENCH               | FOR 2ND AVE SUBWAY PROJECT | MANHATTAN        | UNKNOWN |
| 0905109 | ALL OF EAST 62ND ST                    | EAST 62ND ST               | MANHATTAN        | 10021   |
| 0709465 | NEW YORK HARBOR                        | UNKNOWN STREET ADDRESS     | MANHATTAN        | UNKNOWN |
| 0608794 | TRANSFORMER VAULT#8952                 | ROOSEVELT ISLAND           | MANHATTAN        | 10044   |
| 0506125 | VERRAZANO BRIDGE                       | NO STREET ADDRESS          | MANHATTAN        | UNKNOWN |
| 0503465 | CON ED EXCAVATION SITE                 | 74TH STREET                | MANHATTAN        | UNKNOWN |
| 0500954 | FRONT OF                               | 25 GRANITE STREET          | MANHATTAN        | UNKNOWN |
| 0404357 | VAULT 5874                             | E 70TH ST - BLDG 179       | MANHATTAN        | UNKNOWN |
| 0401661 | MANHATTAN GRID CHAMBER                 | MAHATTAN GRID              | MANHATTAN        | UNKNOWN |
| 0401520 | MANHATTAN GRID CHAMBER                 | MANHATTAN GRID CHAMBER     | MANHATTAN        | UNKNOWN |
| 0400572 | MANHOLE 60297                          | E 77TH ST                  | MANHATTAN        | 10021   |
| 0304684 | FEEDER 38 MIC 35                       | EAST 72ND ST               | MANHATTAN        | 10021   |
| 0204146 | ROOSEVELT ISLAND                       | MAIN ST ROOSEVELT ISLAND   | MANHATTAN        | 10044   |
| 0200636 | VAULT 5011                             | EAST 69TH ST               | MANHATTAN        | 10021   |
| 0111942 |                                        | EAST 75TH ST               | MANHATTAN        | 10021   |
| 0109602 | WESTSIDE PLAZA                         | NO ADDRESS(WESTSIDE PLAZA  | MANHATTAN        | UNKNOWN |
| 0107394 |                                        | 156TH ST & 3RD AVE         | MANHATTAN        | UNKNOWN |
| 0013621 | PIER 45                                | NORTH RIVER                | MANHATTAN        | UNKNOWN |
| 0708382 | AMTRACK                                | TUNNEL #3 BETWEEN MADISON  | MANHATTEN        | UNKNOWN |
| 9913793 |                                        | 2323 E 66TH ST             | NEW YORK         | UNKNOWN |
| 1204511 | 3 STORY BUILDING                       | 1183 BAY STREET            | NEW YORK         | UNKNOWN |
| 1101338 | COMMERCIAL BLD                         | 150 BARRACK ST             | NEW YORK         | UNKNOWN |
| 1010611 | PRINCESS K OVERFILL                    | LAT 40/37.9 LONG 74/ 3.7   | NEW YORK         | UNKNOWN |
| 0810612 | LAT 40-3942.8 SEC NORTH LONG-74.343SW  | PORT JERSEY CHANNEL        | NEW YORK         | UNKNOWN |
| 0808382 | 13 TH MANHATTEN CHAMBER                | 13 TH MANHATTEN CHAMBER    | NEW YORK         | UNKNOWN |
| 0413466 | MANHATTEN GRIT CHAMBER                 | 110 EAST RIVER DRIVE       | NEW YORK         | UNKNOWN |
| 0409938 | NEW YORK IM TTDock A                   | NEW YORK IM TT DOCK        | NEW YORK         | UNKNOWN |
| 0009801 | WARDS ISLAND                           | EAST RIVER, WARDS ISLAND   | NEW YORK         | UNKNOWN |
| 9707611 | LIRR                                   | 5505 E OF 37 SIGNAL BRIDG  | NEW YORK CITY    | UNKNOWN |
| 9606764 | FEEDER #71                             | DUNWOODIE TO RAINEY        | NEW YORK CITY    | UNKNOWN |
| 9101124 | ROOSEVELT ISLAND PUMP STA              | ROOSEVELT ISLAND PUMP STA  | NEW YORK CITY    | 10044   |
| 9000066 | QUEENSBRIDGE                           | 41-05 VERNON BLVD          | NEW YORK CITY    | 11101   |
| 8806179 | NY POWER AUTHORITY BLDG                | EAST RIVER                 | NEW YORK CITY    | UNKNOWN |
| 8705682 | EAST RIVER/R'SEVELT IS. M              | EAST RIVER/R"SEVELT IS.    | NEW YORK CITY    | 10044   |
| 8704727 | ROOSEVELT ISLAND PUMP STA              | R'SEVELT ISLAND PUMP STA.  | NEW YORK CITY    | 10044   |
| 8603501 | CONED 75 ST                            | CONED 75 ST                | NEW YORK CITY    | UNKNOWN |
| 0803407 | FDR DRIVE BETWEEN E 72ND               | E 96ST EXIT SB             | NEW YORK CITY    | UNKNOWN |
| 0402464 | IN FLIGHT                              | AIR                        | NY               | UNKNOWN |
| 0901080 | ROADSIDE                               | 30 NEWPORT WALK            | NYC              | UNKNOWN |
| 9802640 | METROPOLITAN STEWART AVE               | METROPOLITAN STEWART AVE   | QUEENS           | UNKNOWN |
| 9713084 | EAST RIVER                             | 33RD STREET                | QUEENS           | UNKNOWN |
| 9311518 | ROSEVELT ISLAND PUMP ST.               | ROSEVELT ISLAND PUMP ST.   | QUEENS           | 10044   |
| 9308665 | ROOSEVELT ALLEN SOUTH                  | ROOSEVELT ALLEN SOUTH      | QUEENS           | UNKNOWN |
| 9013326 | RAINEY TO DUNWOODIE S/S                | RAINEY TO DUNWOODIE S/S    | QUEENS           | UNKNOWN |
| 8709418 | ROOSEVELT ISLE PUMP STAT.              | OLD WATER HOSPITAL         | QUEENS           | 10044   |
| 1009857 | MTA RAIL STATION                       | 56TH ST 43RD ST            | QUEENS           | UNKNOWN |
| 0813432 | SOUTH WEST CORNER OF WESSON STREET AND | QUEENS PLAZA SOUTH         | QUEENS           | 11101   |
| 0308046 |                                        | 58TH ST AND VANDAM AV      | QUEENS           | 11101   |
| 0000416 | MANHOLE 167                            | WEST CHANNEL RD            | ROOSEVELT ISLAND | 10044   |
| 9501840 | UNKNOWN LOCATION                       | UNKNOWN LOCATION           | WESTCHESTER      | UNKNOWN |

|             |                                |
|-------------|--------------------------------|
| FACILITY ID | FACILITY NAME                  |
| NY07443     | NYC FIRE                       |
| 2-157856    | MOBIL S/S 1 JBWBT ARDOR GARAGE |

|                                  |          |         |
|----------------------------------|----------|---------|
| STREET                           | CITY     | ZIP     |
|                                  | NEW YORK | UNKNOWN |
| MOBIL S/S 1 (JBWBT ARDOR GARAGE) | NY       | UNKNOWN |

| FACILITY ID   | FACILITY NAME                 |
|---------------|-------------------------------|
| NYN20002A347  |                               |
| NYP004181152  | CONED                         |
| NYP004407967  | CONSOLIDATED EDISON           |
| NY00000010363 | NYCDOT                        |
| NYP004077467  | CONSOLIDATED EDISON           |
| NY0005000575  | JOHN DOE                      |
| NYD004064622  | CONSOLIDATED EDISON           |
| NYD981887194  | METRO-NORTH RAILROAD          |
| NYP000007732  | NYCTA                         |
| NYP000915488  | CON EDISON - WTC AREA         |
| NYP000918558  | NYCTA                         |
| NYP000957639  | VERIZON NEW YORK INC MANHOLE  |
| NYP000963462  | VERIZON NEW YORK INC. MANHOLE |
| NYP000963793  | VERIZON NEW YORK INC. MANHOLE |
| NYP000964213  | VERIZON NEW YORK INC. MANHOLE |
| NYP004010674  | CONSOLIDATED EDISON           |
| NYP004016929  | CONSOLIDATED EDISON           |
| NYP004020566  | CONSOLIDATED EDISON           |
| NYP004033411  | CONSOLIDATED EDISON           |
| NYP004037867  | CONSOLIDATED EDISON           |
| NYP004039633  | CONSOLIDATED EDISON           |
| NYP004044970  | CONSOLIDATED EDISON           |
| NYP004046801  | CONSOLIDATED EDISON           |
| NYP004048708  | CONSOLIDATED EDISON           |
| NYP004050092  | CONSOLIDATED EDISON           |
| NYP004056701  | CONSOLIDATED EDISON           |
| NYP004063392  | CONSOLIDATED EDISON           |
| NYP004066676  | CONSOLIDATED EDISON           |
| NYP004068078  | CONSOLIDATED EDISON           |
| NYP004072153  | CONSOLIDATED EDISON           |
| NYP004072385  | CONSOLIDATED EDISON           |
| NYP004076295  | CONSOLIDATED EDISON           |
| NYP004083804  | CONSOLIDATED EDISON           |
| NYP004110201  | CONSOLIDATED EDISON           |
| NYP004112181  | CON EDISON - VS 3744          |
| NYP004144119  | CONSOLIDATED EDISON           |
| NYP004146122  | CONSOLIDATED EDISON           |
| NYP004153193  | CONSOLIDATED EDISON           |
| NYP004165304  | CONSOLIDATED EDISON           |
| NYP004171328  | CON EDISON                    |
| NYP004173522  | CONSOLIDATED EDISON           |
| NYP004179164  | CONSOLIDATED EDISON           |
| NYP004179271  | CONED                         |
| NYP004179297  | CONSOLIDATED EDISON           |
| NYP004188462  | CONSOLIDATED EDISON           |
| NYP004189023  | CONSOLIDATED EDISON           |
| NYP004196879  | CONSOLIDATED EDISON           |
| NYP004217703  | CONSOLIDATED EDISON           |
| NYP004224846  | CONED -                       |
| NYP004226710  | CONED                         |
| NYP004226751  | CONED                         |
| NYP004226769  | CONED                         |
| NYP004239974  | CONSOLIDATED EDISON           |

| STREET                                   | CITY      | ZIP     |
|------------------------------------------|-----------|---------|
| MH SV-13                                 | MANHATTAN | UNKNOWN |
| ILLEGIBLE                                | MANHATTAN | UNKNOWN |
| N/S                                      | N/S       | UNKNOWN |
| MH37962-SAINT JOHN                       | N/S       | UNKNOWN |
| DELETE                                   | NEW YORK  | UNKNOWN |
| N/S                                      | NEW YORK  | UNKNOWN |
| FORMER DISTRIBUTION CENTER               | NEW YORK  | UNKNOWN |
| N/S                                      | NEW YORK  | UNKNOWN |
| VARIOUS WTC LOCATIONS                    | NEW YORK  | UNKNOWN |
| VARIOUS                                  | NEW YORK  | UNKNOWN |
| NW CRNR 62ND ST                          | NEW YORK  | UNKNOWN |
| NW 93 RD                                 | NEW YORK  | UNKNOWN |
| 61ST STREET                              | NEW YORK  | UNKNOWN |
| 64TH STREET                              | NEW YORK  | UNKNOWN |
| E/S FDR DR                               | NEW YORK  | UNKNOWN |
| MH58324 65TH ST & PARK PLACE             | NEW YORK  | UNKNOWN |
| V5715-READERS DIGEST                     | NEW YORK  | UNKNOWN |
| V0155                                    | NEW YORK  | UNKNOWN |
| V2801-W 395TH ST                         | NEW YORK  | UNKNOWN |
| VS0618-N/S                               | NEW YORK  | UNKNOWN |
| TM3895-MARGINAL ST                       | NEW YORK  | UNKNOWN |
| V4793-E 97TH ST & YORK AVE               | NEW YORK  | UNKNOWN |
| 614145 M E                               | NEW YORK  | UNKNOWN |
| V5105-F/O 101 WHO ST                     | NEW YORK  | UNKNOWN |
| N/S                                      | NEW YORK  | UNKNOWN |
| 496 GLEN AVE                             | NEW YORK  | UNKNOWN |
| MH61062                                  | NEW YORK  | UNKNOWN |
| TM3481                                   | NEW YORK  | UNKNOWN |
| MH73305                                  | NEW YORK  | UNKNOWN |
| 209 FLORENCE AVE                         | NEW YORK  | UNKNOWN |
| MH27243-BROWN                            | NEW YORK  | UNKNOWN |
| BER BOX 54269                            | NEW YORK  | UNKNOWN |
| V3480 / 92-104 CODA ST                   | NEW YORK  | UNKNOWN |
| 65 EAST 65 ST / BROADWAY                 | NEW YORK  | UNKNOWN |
| MH11077                                  | NEW YORK  | UNKNOWN |
| MANSION & MCKINLEY DUNWOODIE             | NEW YORK  | UNKNOWN |
| FDR SERVICE RD BTW E 6TH AVE & E 10TH ST | NEW YORK  | UNKNOWN |
| 65TH ST & 99TH ST                        | NEW YORK  | UNKNOWN |
| FDR & 1ST AVE                            | NEW YORK  | UNKNOWN |
| 1000 FAIRWAY LANE                        | NEW YORK  | UNKNOWN |
| F/O BUILDING 826 FREDDRICK DOUGLAS HOUSE | NEW YORK  | UNKNOWN |
| 75 E BLD 1                               | NEW YORK  | UNKNOWN |
| F/O 281 E DROMBE AVE                     | NEW YORK  | UNKNOWN |
| 160 66TH STREET                          | NEW YORK  | UNKNOWN |
| F/O 1731 EAST AVE.                       | NEW YORK  | UNKNOWN |
| NORTH SIDE OF JOHN ST 75' EAST           | NEW YORK  | UNKNOWN |
| MH2721 - CEDAR & PALMER                  | NEW YORK  | UNKNOWN |
| NO ADDRESS INFO ON MANIFEST              | NEW YORK  | UNKNOWN |
| FLO 55                                   | NEW YORK  | UNKNOWN |
| FLO 49                                   | NEW YORK  | UNKNOWN |
| FLO 61                                   | NEW YORK  | UNKNOWN |
| 135 STREET & FDR DRIVE                   | NEW YORK  | UNKNOWN |



|                                 |                             |                               |                       |           |
|---------------------------------|-----------------------------|-------------------------------|-----------------------|-----------|
| NYP004240123                    | CONED                       | MANHOLE 1794                  | NEW YORK              | UNKNOWN   |
| NYP004241378                    | CONED                       | 29 SAINT ANDREWS ST AND       | NEW YORK              | UNKNOWN   |
| NYP004245866                    | CONED                       | GAS DRIP 501                  | NEW YORK              | UNKNOWN   |
| NYP004253944                    | CONSOLIDATED EDISON OF NY   | 3 PETER COOPER RD             | NEW YORK              | UNKNOWN   |
| NYP004254553                    | CONSOLIDATED EDISON OF NY   | F/O 26-8 ELM ST               | NEW YORK              | UNKNOWN   |
| NYP004703834                    | CONSOLIDATED EDISON         | MH26764                       | NEW YORK              | UNKNOWN   |
| NYR000034058                    | NYCTA                       | CONTRACT #S-34505 - RM 819    | NEW YORK              | UNKNOWN   |
| NYD986867414                    | SESCO                       | SHIPPING WASTE PORTS IN NY NJ | NEW YORK & NEW JERSEY | UNKNOWN   |
| NYR000050625                    | NYCTA                       | 606W FROST                    | NYC                   | UNKNOWN   |
| NYP004000824                    | CONSOLIDATED EDISON CO      | MH53857-FDR DRIVE             | QUEENS                | UNKNOWN   |
| NYP004001756                    | CONSOLIDATED EDISON         | EAST RIVER                    | QUEENS                | UNKNOWN   |
| NYP004010732                    | CONSOLIDATED EDISON         | MH 55360 - E 63 ST            | QUEENS                | UNKNOWN   |
| Hazardous Substance Waste Sites |                             |                               |                       |           |
| FACILITY ID                     | FACILITY NAME               | STREET                        | CITY                  | ZIP       |
| NY0362                          | HUNTERS POINT DEVELOPMENT   | U                             | NEW YORK CITY         | 11101     |
| Wastewater Discharges           |                             |                               |                       |           |
| FACILITY ID                     | FACILITY NAME               | STREET                        | CITY                  | ZIP       |
| NY0200794                       |                             |                               |                       | UNKNOWN   |
| NYU200032                       | CONSOLIDATED EDISON COMPANY |                               |                       | UNKNOWN   |
| NY0036315                       | SHERMAN (V) WWTP            | PO BOX 101                    | SHERMAN               | 147810101 |
| Air Releases                    |                             |                               |                       |           |
| FACILITY ID                     | FACILITY NAME               | STREET                        | CITY                  | ZIP       |
| 3606100080                      | NYCHA-FOSTER HOUSING        | NO STREET ADDRESS             | NEW YORK              | UNKNOWN   |
| 3606100129                      | NAVY DIST COMMANDER         | NO STREET ADDRESS             | NEW YORK              | UNKNOWN   |
| 3606100495                      | FEILER BROS CORP            | ROOM 1700                     | NEW YORK              | UNKNOWN   |
| 3606100552                      | ACADEMY CONSTRUCTION        | NO STREET ADDRESS             | NEW YORK              | UNKNOWN   |
| 3606100590                      | T&R CLEANERS                | YORK AVENUE                   | NEW YORK              | UNKNOWN   |
| 3606100591                      | ONE STOP LAUNDRY            | YORK AVENUE                   | NEW YORK              | UNKNOWN   |
| 3606180051                      | FEILER BROS CORP            | ROOM 1700                     | NEW YORK              | UNKNOWN   |
| 3606100558                      | SOS INTERNATIONAL           | BOX 2976 CHURCH STAT          | NEW YORK CITY         | UNKNOWN   |
| NY061X0NP                       | MIDTOWN HOLDING CO          | NO STREET ADDRESS             | NO CITY NAME          | UNKNOWN   |
| NY061X2DR                       | UNI HAB CO                  | NO STREET ADDRESS             | NO CITY NAME          | UNKNOWN   |
|                                 | NEW YORK                    |                               |                       |           |
|                                 | NEW YORK                    |                               |                       |           |

**Hazardous waste codes presented in individual Toxic Information Profiles are defined below.**

|      |                                                                                                                                                                                                                                              |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B001 | PCB Oil (concentrated) from transformers, capacitors, etc.                                                                                                                                                                                   |
| B002 | Petroleum oil or other liquid containing 50 ppm or greater of PCBs but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.             |
| B003 | Petroleum oil or other liquid containing 500 ppm or greater of PCBs.                                                                                                                                                                         |
| B004 | PCB Articles containing 50 ppm or greater of PCBs but less than 500 ppm PCBs excluding, small capacitors. This includes oil filled electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable |
| B007 | Other PCB Wastes including contaminated soil, solids, sludges, clothing, rags, and dredge material.                                                                                                                                          |
| B009 |                                                                                                                                                                                                                                              |
| D000 |                                                                                                                                                                                                                                              |
| D001 | Solid waste that exhibits the characteristic of ignitability, but is not listed under any other hazardous waste code.                                                                                                                        |
| D002 | Solid waste that exhibits the characteristic of corrosivity, but is not listed under any other hazardous waste code.                                                                                                                         |
| D003 | Solid waste that exhibits the characteristic of reactivity, but is not listed under any other hazardous waste code.                                                                                                                          |
| D004 | Arsenic                                                                                                                                                                                                                                      |
| D005 | Barium                                                                                                                                                                                                                                       |
| D006 | Cadmium                                                                                                                                                                                                                                      |
| D007 | Chromium                                                                                                                                                                                                                                     |
| D008 | Lead                                                                                                                                                                                                                                         |
| D009 | Mercury                                                                                                                                                                                                                                      |
| D010 | Selenium                                                                                                                                                                                                                                     |
| D011 | Silver                                                                                                                                                                                                                                       |
| D012 | Endrin(1,2,3,4,10,10-hexachloro-1,7-epoxy- 1,4,4a,5,6,7,8,8a-octahydro-1,4-endo, endo-5,8-dimeth- ano-naphthalene)                                                                                                                           |
| D018 | BENZENE                                                                                                                                                                                                                                      |

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| D019 | Carbon Tetrachloride                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| D022 | Chloroform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| D024 | m-Cresol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| D025 | p-Cresol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| D027 | 1,4-Dichlorobenzene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| D035 | Methyl ethyl ketone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| D037 | Pentachlorophenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| D038 | Pyridine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| D040 | Trichlorethylene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| F001 | The following spent halogenated solvents used in degreasing: Tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)                                                                                                   |
| F002 | The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)                                                                        |
| F003 | The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)* |
| F004 | The following spent non-halogenated solvents: Cresols and cresylic acid, and nitrobenzene; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)                                                                                                                                                                                                                            |
| F005 | The following spent non-halogenated solvents: Toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, or F004; and                                                                                                                                                                                                                                              |

still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I,T)

- F006 Wastewater treatment sludges from electroplating operations except from the following processes: (1) Sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum. (T)
- F007 Spent cyanide plating bath solutions from electroplating operations. (R, T)
- F008 Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process. (R, T)
- F010 Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process. (R, T)
- F012 Quenching waste water treatment sludges from metal heat treating operations where cyanides are used in the process. (T)
- F027 Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing Hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.) (H)
- F028 Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Waste Nos. F020, F021, F022, F023, F026, and F027. (T)
- F038 Petroleum refinery secondary (emulsified) oil/water/solids separation sludge – Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive
- P001 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present concentrations greater than 0.3%
- P002 Acetamide, N-(aminothioxomethyl)-
- P003 Acrolein
- P005 Allyl alcohol
- P006 Aluminum phosphide (R,T)
- P007 5-(Aminomethyl)-3-isoxazolol
- P008 4-Aminopyridine

|      |                                                                  |
|------|------------------------------------------------------------------|
| P010 | Arsenic acid H <sub>3</sub> AsO <sub>4</sub>                     |
| P011 | Arsenic oxide As <sub>2</sub> O <sub>5</sub>                     |
| P012 | Arsenic oxide As <sub>2</sub> O <sub>3</sub>                     |
| P014 | Thiophenol                                                       |
| P015 | Beryllium                                                        |
| P018 | Brucine                                                          |
| P022 | Carbon disulfide                                                 |
| P023 | Acetaldehyde, chloro-                                            |
| P024 | p-Chloroaniline                                                  |
| P027 | Propanenitrile, 3-chloro-                                        |
| P028 | Benzyl chloride                                                  |
| P029 | Copper cyanide                                                   |
| P030 | Cyanides (soluble cyanide salts), not otherwise specified        |
| P036 | Arsonous dichloride, phenyl-                                     |
| P039 | Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester |
| P040 | Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester              |
| P042 | Epinephrine                                                      |
| P043 | Phosphorofluoridic acid, bis(1-methylethyl) ester                |
| P048 | 2,4-Dinitrophenol                                                |
| P054 | Ethyleneimine                                                    |
| P058 | Fluoroacetic acid, sodium salt                                   |
| P064 | Methane, isocyanato-                                             |

|      |                                                                                |
|------|--------------------------------------------------------------------------------|
| P067 | Aziridine, 2-methyl-                                                           |
| P068 | Methyl hydrazine                                                               |
| P070 | Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime             |
| P075 | Nicotine, & salts                                                              |
| P077 | p-Nitroaniline                                                                 |
| P081 | Nitroglycerine (R)                                                             |
| P087 | Osmium oxide OsO <sub>4</sub> , (T-4)-                                         |
| P088 | Endothall                                                                      |
| P089 | Parathion                                                                      |
| P092 | Mercury, (acetato-O)phenyl-                                                    |
| P093 | Phenylthiourea                                                                 |
| P095 | Carbonic dichloride                                                            |
| P097 | Phosphorothioic acid, O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester |
| P098 | Potassium cyanide K(CN)                                                        |
| P101 | Propanenitrile                                                                 |
| P105 | Sodium azide                                                                   |
| P106 | Sodium cyanide Na(CN)                                                          |
| P108 | Strychnine, & salts                                                            |
| P112 | Methane, tetranitro- (R)                                                       |
| P113 | Thallic oxide                                                                  |
| P116 | Hydrazinecarbothioamide                                                        |
| P119 | Ammonium vanadate                                                              |

|      |                                                                                                                           |
|------|---------------------------------------------------------------------------------------------------------------------------|
| P120 | Vanadium oxide V2O5                                                                                                       |
| P204 | Physostigmine (OR) Pyrrolo 2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1, 3a,8-trimethyl-methylcarbamate (ester),(3aS-cis)- |
| R001 |                                                                                                                           |
| U001 | Ethanal (I)                                                                                                               |
| U002 | Acetone (I)                                                                                                               |
| U003 | Acetonitrile (I,T)                                                                                                        |
| U004 | Ethanone, 1-phenyl-                                                                                                       |
| U006 | Acetyl chloride (C,R,T)                                                                                                   |
| U007 | 2-Propenamide                                                                                                             |
| U008 | Acrylic acid (I)                                                                                                          |
| U009 | 2-Propenenitrile                                                                                                          |
| U010 | Mitomycin C                                                                                                               |
| U012 | Benzenamine (I,T)                                                                                                         |
| U019 | Benzene (I,T)                                                                                                             |
| U020 | Benzenesulfonyl chloride (C,R)                                                                                            |
| U021 | Benzidine                                                                                                                 |
| U022 | Benzo[a]pyrene                                                                                                            |
| U028 | Diethylhexyl phthalate                                                                                                    |
| U029 | Methyl bromide                                                                                                            |
| U031 | n-Butyl alcohol (I)                                                                                                       |
| U036 | Chlordane, alpha & gamma isomers                                                                                          |
| U037 | Benzene, chloro-                                                                                                          |

|      |                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| U041 | Epichlorohydrin                                                                                                                                          |
| U044 | Methane, trichloro-                                                                                                                                      |
| U045 | Methyl chloride (I,T)                                                                                                                                    |
| U046 | Methane, chloromethoxy-                                                                                                                                  |
| U047 | beta-Chloronaphthalene                                                                                                                                   |
| U048 | o-Chlorophenol                                                                                                                                           |
| U051 | Creosote                                                                                                                                                 |
| U052 | Phenol, methyl-                                                                                                                                          |
| U053 | 2-Butenal                                                                                                                                                |
| U055 | Benzene, (1-methylethyl)- (I)                                                                                                                            |
| U057 | Cyclohexanone (I)                                                                                                                                        |
| U058 | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide                                                                             |
| U059 | 5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy)-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)- |
| U061 | DDT                                                                                                                                                      |
| U067 | Ethane, 1,2-dibromo-                                                                                                                                     |
| U069 | 1,2-Benzenedicarboxylic acid, dibutyl ester                                                                                                              |
| U075 | Dichlorodifluoromethane                                                                                                                                  |
| U077 | Ethane, 1,2-dichloro-                                                                                                                                    |
| U080 | Methane, dichloro-                                                                                                                                       |
| U088 | 1,2-Benzenedicarboxylic acid, diethyl ester                                                                                                              |
| U091 | [1,1-Biphenyl]-4,4-diamine, 3,3-dimethoxy-                                                                                                               |



|      |                                                                                  |
|------|----------------------------------------------------------------------------------|
| U092 | Dimethylamine (I)                                                                |
| U098 | Hydrazine, 1,1-dimethyl-                                                         |
| U099 | 1,2-Dimethylhydrazine                                                            |
| U102 | Dimethyl phthalate                                                               |
| U103 | Dimethyl sulfate                                                                 |
| U108 | 1,4-Diethyleneoxide                                                              |
| U110 | Dipropylamine (I)                                                                |
| U112 | Acetic acid ethyl ester (I)                                                      |
| U115 | Ethylene oxide (I,T)                                                             |
| U117 | Ethyl ether (I)                                                                  |
| U118 | 2-Propenoic acid, 2-methyl-, ethyl ester                                         |
| U119 | Methanesulfonic acid, ethyl ester                                                |
| U121 | Methane, trichlorofluoro-                                                        |
| U122 | Formaldehyde                                                                     |
| U123 | Formic acid (C,T)                                                                |
| U125 | Furfural (I)                                                                     |
| U127 | Hexachlorobenzene                                                                |
| U128 | Hexachlorobutadiene                                                              |
| U129 | Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha,2alpha,3beta,4alpha,5alpha,6beta)- |
| U131 | Ethane, hexachloro-                                                              |
| U132 | Phenol, 2,2-methylenebis[3,4,6-trichloro-                                        |
| U133 | Hydrazine (R,T)                                                                  |

|      |                                                 |
|------|-------------------------------------------------|
| U134 | Hydrogen fluoride (C,T)                         |
| U135 | Hydrogen sulfide H <sub>2</sub> S               |
| U136 | Cacodylic acid                                  |
| U138 | Methane, iodo-                                  |
| U144 | Acetic acid, lead(2+) salt                      |
| U146 | Lead subacetate                                 |
| U147 | 2,5-Furandione                                  |
| U148 | 3,6-Pyridazinedione, 1,2-dihydro-               |
| U150 | Melphalan                                       |
| U151 | Mercury                                         |
| U152 | 2-Propenenitrile, 2-methyl- (I,T)               |
| U153 | Thiomethanol (I,T)                              |
| U154 | Methyl alcohol (I)                              |
| U158 | Benzenamine, 4,4-methylenebis[2-chloro-         |
| U162 | 2-Propenoic acid, 2-methyl-, methyl ester (I,T) |
| U163 | Guanidine, N-methyl-N-nitro-N-nitroso-          |
| U165 | Naphthalene                                     |
| U168 | beta-Naphthylamine                              |
| U169 | Benzene, nitro-                                 |
| U170 | p-Nitrophenol                                   |
| U172 | 1-Butanamine, N-butyl-N-nitroso-                |
| U176 | N-Nitroso-N-ethylurea                           |

|      |                                                                                                                                       |
|------|---------------------------------------------------------------------------------------------------------------------------------------|
| U185 | Benzene, pentachloronitro-                                                                                                            |
| U188 | Phenol                                                                                                                                |
| U190 | Phthalic anhydride                                                                                                                    |
| U191 | 2-Picoline                                                                                                                            |
| U196 | Pyridine                                                                                                                              |
| U200 | Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester, (3beta,16beta,17alpha,18beta,20alpha)- |
| U201 | 1,3-Benzenediol                                                                                                                       |
| U204 | Selenium dioxide                                                                                                                      |
| U210 | Ethene, tetrachloro-                                                                                                                  |
| U211 | Carbon tetrachloride                                                                                                                  |
| U213 | Tetrahydrofuran (I)                                                                                                                   |
| U217 | Thallium (I) nitrate                                                                                                                  |
| U219 | Thiourea                                                                                                                              |
| U220 | Toluene                                                                                                                               |
| U222 | o-Toluidine hydrochloride                                                                                                             |
| U223 | Toluene diisocyanate (R,T)                                                                                                            |
| U226 | Ethane, 1,1,1-trichloro-                                                                                                              |
| U228 | Ethene, trichloro-                                                                                                                    |
| U234 | Benzene, 1,3,5-trinitro-                                                                                                              |
| U236 | Trypan blue                                                                                                                           |
| U238 | Carbamic acid, ethyl ester                                                                                                            |
| U239 | Xylene (I)                                                                                                                            |

U240 2,4-D, salts & esters  
U246 Cyanogen bromide (CN)Br  
U247 Methoxychlor  
U328 o-Toluidine  
U353 p-Toluidine  
U359 Ethanol, 2-ethoxy-  
U404 Ethanamine, N,N-diethyl (OR) Triethylamine  
X726  
X850  
X900  
X940

Source: U. S. Environmental Protection Agency

# How Toxic Site Locations Are Mapped

Toxics Targeting maps toxic site locations on a digital version of the U. S. Census map or those used by local authorities using addresses and map coordinates provided by site owners/operators or government agencies. In order to allow site locations to be verified independently, the information used to map each site is presented in the first section of each Toxic Site Profile, along with a description of the mapping technique used and any address corrections that were made in order to locate toxic sites with incomplete or inadequate site location information. The mapping process is explained below.

Map Identification Number: 12

Site Name: Acme World Manufacturing, Inc.

Site Address: 55 Main Street

Anytown, NY 11797

## MAP LOCATION INFORMATION

Site location mapped by:

Address Matching

Note: Some sites have an address match location and a map coordinate location. Both locations are mapped because they can be equally correct.

or Map Coordinate

or Manual Mapping

or Site Visit

1) Most toxic sites are mapped by matching addresses provided by site owners/operators or government agencies with locations on a digital version of the street or parcel map. These site locations are identified with the method used to map them.

2) Some toxic sites are located using map coordinates provided by site owners/operators or government agencies. These site locations are identified "map coordinate." Map coordinates for Toxic Wastewater Discharges, Toxic Release Inventory sites and Major Oil Storage Facilities should be considered suspect.

3) Incomplete addresses or map coordinates require some site locations to be determined by commercial street maps (manual mapping), site visits, map coordinates from other databases and address location services. Application of any of these methods is identified accordingly.

## ADDRESS CHANGE INFORMATION

Revised Street: NO CHANGE

Revised zip code: NO CHANGE

4) Site addresses are sometimes corrected to eliminate obvious errors that prevent sites from being mapped. All address corrections are noted here.

# Information Source Guide

*Toxics Targeting's Environmental Reports* contain government and other information compiled on 21 categories of reported known or potential toxic sites. Each toxic site database is described below with information detailing a) the source of the information, b) the date when each database is covered to and c) when *Toxics Targeting* obtained the information..

1) **National Priority List for Federal Superfund Cleanup:** Toxic sites nominated for cleanup under the Federal Superfund program. Annual compilation of special two-page detailed profiles of NPL sites. Also includes delisted NPL sites.

ASTM required.\* Fannie Mae required.\*\*

Source: U. S. Environmental Protection Agency.<sup>1</sup>

Data attributes updated from: 7/20/2012.

Data obtained by Toxics Targeting: 7/20/2012.

New Facilities updated through: 7/20/2012.

Data obtained by Toxics Targeting: 7/20/2012.

2) **Inactive Hazardous Waste Disposal Site Registry:** New York State database that maintains information and aids decision making regarding the investigation and cleanup of toxic sites. The Registry's data includes two-page profiles noting site name, ID number, description, classification, cleanup status, types of cleanup, owner information, types and quantities of contaminants, and assessment of health and environmental problems. Also included are sites that qualify for possible inclusion on the Registry. These Registry Qualifying sites may or may not be on the Site Registry.

ASTM required.\* Fannie Mae required.\*\*

Source: New York State Department of Environmental Conservation.<sup>2</sup>

Data attributes updated through: 9/12/2012.

Data obtained by Toxics Targeting: 9/12/2012.

New Facilities updated to: 9/12/2012.

Data obtained by Toxics Targeting: 9/12/2012.

3) **Corrective Action Activity (CORRACTS):** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).

ASTM required.\* Fannie Mae required.\*\*

Source: U. S. Environmental Protection Agency<sup>1</sup>

Data attributes updated through: 8/10/2012.

Data obtained by Toxics Targeting: 8/27/2012.

New facilities updated through: 8/10/2012.

Data obtained by Toxics Targeting: 8/27/2012.

4) **CERCLIS:** Toxic sites listed in the Federal Comprehensive Environmental Response, Compensation and Liability Information System. Includes Active and No Further Remedial Action Planned (NFRAP) sites.

ASTM required.\* Fannie Mae required.\*\*

Source: U. S. Environmental Protection Agency.<sup>1</sup>

Data attributes updated through: 11/28/2011.

Data obtained by Toxics Targeting: 12/21/2011.

New Facilities updated through: 11/28/2011.

Data obtained by Toxics Targeting: 12/21/2011.

5) **Brownfield Programs:** NYS programs for sites that are abandoned, idled or under-used industrial and/or commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

ASTM required.\*

Source: New York State Department of Environmental Conservation.<sup>2</sup>

Data attributes updated through: 9/12/2012.

Data obtained by Toxics Targeting: 9/12/2012.

New Facilities updated to: 9/12/2012.

Data obtained by Toxics Targeting: 9/12/2012.

(a) **Brownfield Cleanup Program (BCP)**

(b) **Voluntary Cleanup Program (VCP)**

(c) **Environmental Restoration Program (ERP)**

6) **Solid Waste Facilities:** a compilation of the following 2 databases:

(a) **NYS Solid Waste Registry:** which includes, but is not limited to, landfills, incinerators, transfer stations, recycling centers.

ASTM required.\* Fannie Mae required.\*\* Source: New York State Dept. of Environmental Conservation.<sup>2</sup>

Data updated to: 12/31/2001.

Data obtained by Toxics Targeting: 3/16/2002.

(b) **1934 Solid Waste Disposal Site in New York City:** which includes sites operated by municipal authorities circa 1934. Source: City of New York Department of Sanitation (1984). The Waste Disposal Problem in New York City: A Proposal For Action.

7) **RCRA Hazardous Waste Treatment, Storage or Disposal Facility Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the DEC's Bureau of Hazardous Waste Facility Compliance pursuant to NYS Law and the Resource Conservation and Recovery Act (RCRA).

ASTM required.\* Fannie Mae required.\*\*

Source: New York State Department of Environmental Conservation.<sup>2</sup>

New facilities updated through: 8/26/2012.

New facilities obtained by Toxics Targeting: 9/6/2012.

Manifest transactions data updated to: 8/26/2012.

Manifest transactions data obtained by Toxics Targeting: 9/6/2012.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).

ASTM required.\* Fannie Mae required.\*\*

Source: U. S. Environmental Protection Agency<sup>1</sup>

New facilities updated through: 8/10/2012.

Data obtained by Toxics Targeting: 8/27/2012.

Data attributes updated through: 8/10/2012.

Data obtained by Toxics Targeting: 8/27/2012.

8) **Spills Information Database:** Spills reported to the DEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from Petroleum Bulk Storage Regulations) or 6 NYCRR Section 595.2 (from Chemical Bulk Storage Regulations). This database includes both *active* and *closed* spills.

ASTM required.\* Fannie Mae.\*\*

Source: NYS Department of Environmental Conservation.<sup>2</sup>

New spills through: 9/7/2012

New spills data obtained by Toxics Targeting: 9/7/2012

Spill attribute data through: 9/7/2012

Spill attribute data obtained by Toxics Targeting: 9/7/2012

Active spills: paperwork not completed.

Closed spills: paperwork completed.

Both active and closed spills may or may not have been cleaned up (see Date Cleanup Ceased in spill profiles).

9) **Major Oil Storage Facilities:** NYS database of facilities licensed pursuant to Article 12 of the Navigation Law, 6NYCRR Parts 610 and 17NYCRR Part 30, such as onshore facilities or vessels, with petroleum storage capacities equal to or greater than four hundred thousand gallons.

**Tank & other data withheld by NYSDEC as of 4/1/2002.**

ASTM required.\* Fannie Mae required.\*\*

Source: New York State Department of Environmental Conservation.<sup>2</sup>

Data updated through: 8/31/2012.

Data obtained by Toxics Targeting: 8/31/2012.

10) **Petroleum Bulk Storage Facilities:** a compilation of local and state databases of aboveground and underground petroleum storage tank facilities.

(a) **NYS Petroleum Bulk Storage Database:** This includes all New York State counties except

Cortland, Nassau, Rockland, Suffolk, and Westchester.

ASTM required.\* Fannie Mae required.\*\*

Source: NYS Department of Environmental Conservation.<sup>2</sup>

New facilities updated through: 8/31/2012.

Data obtained by Toxics Targeting: 8/31/2012.

Tank data updated through: 8/31/2012.

Data obtained by Toxics Targeting: 8/31/2012.

(b) **New York City Fire Department Tank Data:**

Source: New York City Fire Department.

**Data has been withheld by the NYC Fire Dept.**

Data obtained by Toxics Targeting: 2/18/1997

#### 11) **RCRA Hazardous Waste Generators and/or Transporters Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the NYS Department of Environmental Conservation's Bureau of Hazardous Waste Facility Compliance pursuant to New York State Law.

ASTM required.\* Fannie Mae required.\*\* Source: New York State Department of Environmental Conservation.<sup>2</sup>

New facilities updated through: 8/26/2012

New facilities obtained by Toxics Targeting: 9/6/2012.

Manifest transactions data updated to: 8/26/2012.

Manifest transactions data obtained by Toxics Targeting: 9/6/2012.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).

ASTM required.\* Fannie Mae required.\*\*

Source: U. S. Environmental Protection Agency<sup>1</sup>

New facilities updated through: 8/10/2012.

Data obtained by Toxics Targeting: 8/27/2012.

Data attributes updated through: 8/10/2012.

Data obtained by Toxics Targeting: 8/27/2012.

12) **Chemical Bulk Storage Facilities:** New York State database of facilities compiled pursuant to 6NYCRR Part 596 that store regulated substances listed in 6NYCRR Part 597 in aboveground tanks with capacities greater than 185 gallons and /or in underground tanks of any size.

**Tank & other data withheld by NYSDEC as of 4/1/2002.**

ASTM required.\* Fannie Mae required.\*\*

Source: New York State Department of Environmental Conservation.<sup>2</sup>

Data updated through: 8/31/2012.

Data obtained by Toxics Targeting: 8/31/2012.

13) **Historic New York City Utility Facilities (1898 to 1950):** An inventory of selected power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites identified in various historic documents, maps and annual reports of New York utility companies, including: Sanborn Fire Insurance Maps of NYC (1898-1950); Consolidated Edison Co. Annual Reports (1922-1939); Consolidated Edison Co. Map: "Boroughs of Manhattan and the Bronx Showing Distribution Mains of the New York Edison Co.," (1922); and Consolidated Edison document: "Generating and Annex Stations," (1911).

14) **Hazardous Substance Waste Disposal Site Study**: NYS database of waste disposal sites that may pose threats to public health or the environment, but could not be remediated using monies from the Hazardous Waste Remedial Fund.

Source: New York State Department of Environmental Conservation.<sup>2</sup>

Data updated to: 5/16/2000.

Data obtained by Toxics Targeting: 5/16/2000.

15) **Toxic Release Inventory (TRI)**: Federal database of manufacturing facilities required under Section 313 of the Federal Emergency Planning and Community Right-to-Know Act to report releases to the air, water and land of any specifically listed toxic chemical. See Fannie Mae requirement\*\* below.

Source: U. S. Environmental Protection Agency.<sup>1</sup> / NYS Department of Environmental Conservation<sup>2</sup>

Data updated through: 3/8/2004.

Data obtained by Toxics Targeting: 3/25/2004

16) **Toxic Wastewater Discharges (Permit Compliance System)**: Federal database of discharges of wastewater to surface waters and groundwaters. See Fannie Mae requirement\*\* below. Source: U. S. Environmental Protection Agency.<sup>1</sup>

Data updated through: 6/17/2004.

Data obtained by Toxics Targeting: 7/19/2004.

17) **Air Discharge Facilities**: EPA AIRS database containing address information on each air emission facility and the type of air pollutant emission it is. Compliance information is also provided on each pollutant as well as the facility itself.

See Fannie Mae requirement\*\* below.

Source: U. S. Environmental Protection Agency<sup>1</sup>

Data updated through: 11/24/1999.

Data obtained by Toxics Targeting: 1/6/2000

18) **Civil Enforcement & Administrative Docket**: This database is the U. S. EPA's system for tracking administrative and civil judiciary cases filed on behalf of the agency by the Department of Justice. Fannie Mae required.\*\*

Source: U. S. Environmental Protection Agency.<sup>1</sup>

New Sites through: 10/14/1999.

Data updated through: 10/14/1999.

Data obtained by Toxics Targeting: 11/18/1999.

19) **New York City Environmental Quality Review (CEQR) – E Designation Sites**: These sites are parcels assigned a special environmental ("E") designation under the CEQR process. E designation requires specific protocols that must be followed.

Data updated through: 9/12/2012.

Source: New York City Department of Planning<sup>3</sup>

Data obtained by Toxics Targeting: 9/17/2012

20) **Emergency Response Notification System (ERNS)**: Federal database of spills compiled by the Emergency Response Notification System. On-site searches only.

ASTM required.\* See Fannie Mae requirement\*\* below.

Data updated through: 1/31/2000.

Source: U. S. Environmental Protection Agency.<sup>1</sup>

Data obtained by Toxics Targeting: 2/15/2000

21) **Remediation Site Borders**: Remediation site borders reported by NYSDEC.

Source: New York State Department of Environmental Conservation.<sup>2</sup>

Updated through: 4/8/2009.

Data obtained by Toxics Targeting: 7/21/2009.

\* American Society of Testing Materials: Standard Practice on Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-05).

\*\* Fannie Mae's Part X Environmental Hazards Management Procedures specify 1.0 mile searches for "any state or Federal list of hazardous waste sites (e.g. CERCLIS, HWDMS etc.)." Searches for the property and adjacent properties are specified for "chemical manufacturing plants," "obvious high risk neighbors engaging in storing or transporting hazardous waste, chemicals or substances" and "...any documented or visible evidence of dangerous waste handling... (e.g. stressed vegetation, stained soil, open or leaking containers, foul fumes or smells, oily ponds, etc." Searches for property and adjacent properties can include sites up to a quarter mile away (W. Hayward, Director, Multi-Family Business Planning and Control, Fannie Mae, personal communication, 5/94).

<sup>1</sup>U. S. Environmental Protection Agency, 290 Broadway, NY, NY 10007-1866.

<sup>2</sup>NYS Department of Environmental Conservation, 625 Broadway, Albany, NY 12233.

<sup>3</sup>New York City Department of City Planning, 22 Reade St, New York, NY 10007-1216



**APPENDIX D**  
**2007 SUBSURFACE (PHASE II) INVESTIGATION**

# **Rockefeller University - 1230 York Avenue**

**MANHATTAN, NEW YORK**

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## **Subsurface (Phase II) Investigation**

07DEPTECH280M

AKRF Project Number: 10757

### **Prepared for:**

**Rockefeller University**  
1230 York Avenue  
New York, NY 10021

### **Prepared by:**



440 Park Avenue South, 7<sup>th</sup> Floor  
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**JUNE 2007**

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## 1.0 INTRODUCTION

AKRF, Inc. (AKRF) conducted a subsurface (Phase II) investigation at the Rockefeller University campus located at 1230 York Avenue in Manhattan, New York. The campus is bounded by York Avenue on the west, East 68<sup>th</sup> Street to the north, the FDR Drive to the east, and East 62<sup>nd</sup> Street to the south. The Phase II study was intended to determine whether the site had been adversely affected by current or former on- or off-site operations, and to characterize subsurface conditions at three onsite locations: the proposed sites of the Collaborative Research Center; the Laboratory Animal Research Center (LARC) Annex and Imaging Building; and the Electrical Vault. A site location map is provided as Figure 1.

The scope of the Phase II study was based on the results of a Phase I Environmental Site Assessment (ESA) conducted by AKRF in May 2007, which was part of a the Environmental Assessment Statement (EAS) being conducted for the site. The Phase II study was conducted in accordance with AKRF's New York City Department of Environmental Protection (NYCDEP)-approved Sampling Protocol and site-specific Health and Safety Plan (HASP) and the NYCDEP comments/recommendations letter dated May 9, 2007. The investigation was conducted on May 23 and 24, 2007, and included the collection of soil and groundwater samples for laboratory analysis. This report describes the methods and results of the Phase II investigation conducted by AKRF.

## 2.0 SITE BACKGROUND

### 2.1 Site Characterization and Proposed Development

A topographic survey was performed by Langan Engineering and Environmental Services, P.C. (Langan) on June 29, 2006. The surface topography at the site slopes down to the southeast towards the East River and ranges between elevation 28 and elevation 18. Site elevations are with respect to the Borough President of Manhattan Datum (BPMD), which is 2.75 feet above USC&GS Datum (Mean sea level at Sandy Hook, NJ, 1929).

Geotechnical engineering studies performed by Langan, dated August 21 and September 12, 2006, and GZA GeoEnvironmental, Inc. (GZA), dated November 9, 2006 indicated that the site is underlain by fill, sand, and decomposed rock. Bedrock was encountered at depths ranging from approximately 2 to 23 feet below grade. Groundwater depths measured at the Collaborative Research Center site in the northeastern portion of the campus ranged from elevation 24 to elevation 23. Groundwater most likely flows in a southeasterly direction toward the East River. Actual groundwater flow at the site, however, can be affected by many factors, including past filling activities, underground utilities and other subsurface openings or obstructions such as basements, underground parking garages and subway lines, bedrock geology, tidal fluctuations, and other factors beyond the scope of this study. Groundwater in Manhattan is not used as a source of potable water.

Construction activities involving soil disturbance were proposed for three locations on the existing Rockefeller University campus:

- Collaborative Research Center. This six-story building, with three subgrade levels, will be constructed in the below-grade courtyard between Theobald Smith Hall and Flexner Hall near the northeast corner of the campus, with a one-story section on the west side of Theobald Smith Hall. Existing surface grade on the site is at about elevation 28. The total area of excavation is about 16,575 square feet. The one-story section will be built on the existing grade and will require minimal excavation for foundation construction. The lower

level of the five-story section will have a finished floor elevation of 20, about 8 feet below existing grade. A Geotechnical Engineering Report for the site dated August 21, 2006 prepared by Langan indicated that the site was covered by 1 to 2 feet of uncontrolled fill. Decomposed bedrock was found directly below the fill. The report also indicated that groundwater was found perched on the bedrock surface, about 3 to 5 feet below grade.

- LARC Annex and Imaging Building. This four-story and one-story addition will be constructed on the east side of the existing LARC, which is located near York Avenue between East 63<sup>rd</sup> and East 64<sup>th</sup> Streets. Surface grade in this area is at about elevation 18. This building will have no basement and will require minimal excavation for foundation construction. The total area of soil disturbance is about 6,810 square feet. A geotechnical study by GZA Geoenvironmental, summarized in a letter report dated November 9, 2006, indicates that the top 6 feet of soil on the site is fill. This is underlain by a layer of brown, coarse to fine sand from 5 to 7 feet thick. Below this is decomposed bedrock.
- Electrical Vault. A new sub-grade electrical vault will be constructed under the south campus parking lot, located near York Avenue between East 65<sup>th</sup> and East 66<sup>th</sup> Streets. The total excavated area will be about 5,000 square feet. Surface grade in this area is about elevation 26. The bottom of the structure will be at elevation 7, or about 19 feet below grade. A geotechnical study performed by Langan Engineering and Environmental Services and summarized in a memo dated September 12, 2006, indicates that the top 7 to 8 feet of soil on the site is uncontrolled fill. This is underlain by a layer of brown coarse to fine sand from 12 to 15 feet thick. Below this is decomposed bedrock.

## 2.2 Site History

According to historic Sanborn fire insurance maps, the area of the Rockefeller University campus was first developed circa 1892 with a wagon yard, stables, and ice house, a malt house, and some homes. In 1907 the subject property was occupied by the Rockefeller Institute For Medical Research, the American Malting Corporation, the Franklin Coal Corporation, the New York Assistance for Improving the Condition of the Poor, the B.A. and G.N. Williams Cut Stone Yard, the Central Brewing Company, and a wagon repair shop. In 1951 the subject site was occupied by the Rockefeller Institute for Medical Research and a large park to the south of the campus. By 1976 the entire area was solely occupied by the Rockefeller University. The block to the south of the campus was occupied by the Consolidated Gas Company from 1892 through circa 1951 and was then occupied by Rockefeller University Housing. The surrounding area had been occupied by industrial yards and multistory residential homes for the first half of the 20<sup>th</sup> century. The neighborhood then gradually changed to a medical research community with high-rise residential units.

## 2.3 Previous Environmental Investigations

To identify potential sources of hazardous materials, a Phase I ESA was performed by AKRF, Inc. at the site in May 2006. The assessment concluded that the subject sites and the surrounding area have been occupied for over 50 years by health care/research facilities that generate and store a variety of hazardous and toxic materials and petroleum products as part of their daily operations. Although no significant impairments from on-site or neighboring facilities were suggested in the federal and state regulatory records, it remains possible that past accidental or intentional discharges from these facilities may have impacted soil or groundwater on the site.

In a letter to the Department of City Planning dated April 19, 2007, the NYCDEP recommended that a Phase II study for the subject property, including and groundwater sampling and analyses; be performed.

### **3.0 FIELD ACTIVITIES**

#### **3.1 Soil and Groundwater Sampling and Analysis**

On May 23 and 24, 2007, Hydro Tech Environmental, Corp. of Commack, New York (Hydro Tech) advanced 14 soil borings at the subject property, as shown on Figure 2. Six borings were advanced at the proposed site of the Collaborative Research Center, six borings were completed at the site of the proposed LARC Annex and Imaging Building, and two borings were advanced at the site of the proposed electrical vault.

The soil borings were advanced to the maximum proposed depth of excavation at each location or to bedrock, whichever was encountered first. At the Collaborative Research Center site, the maximum depth of excavation is about 10 feet for the five-story section of the building (sample locations B-1, B-2, and B-3), and about 4 feet for the one-story section (B-4, B-5, and B-6). However, at the Collaborative Research Center site, refusal due to bedrock was encountered at shallow depths ranging from 2.5 to 4.5 feet below grade. At the LARC Annex site (B-7, B-8, B-9, B-10, B-11, and B-14) the maximum depth of excavation is about 4 feet. Borings B-7, B-9, B-10, and B-11 were completed to a depth of four feet below grade. As a result of low recovery, borings B-8 and B-14 were extended to eight feet below grade and an additional boring B-14 was completed. At the Electrical Vault site (B-12 and B-13) the maximum depth of excavation is about 20 feet. Boring B-12 was completed to 20 feet below grade and in B-13 refusal due to bedrock was encountered at 12 feet.

The soil borings were advanced using a track-mounted and tractor-mounted Geoprobe® direct push probe (DPP) unit. Soil samples were collected using five-foot (track-mounted unit) or four-foot (tractor-mounted unit) long, two-inch diameter, stainless steel macrocore piston rod samplers fitted with an internal acetate liner. Soil samples were field-screened using a photoionization detector (PID), which measures relative concentrations of volatile organic compounds (VOCs) in the soil. The soil samples were collected from the boring locations based on field observations (odor and staining) and PID readings. At each boring location, AKRF field personnel recorded and documented subsurface conditions. Soil boring logs are provided in Appendix A.

Soil samples were collected for laboratory analysis from each of the soil borings, based on field observations (odor and staining) and PID readings. Two soil samples were collected from each boring advanced at the Electrical Vault site (B-12 and B-13) and one sample per boring was obtained from the LARC Annex and Imaging Building site (B-7, B-8, B-9, B-10, B-11, and B-14). At the Collaborative Research Center site (B-1 through B-6) only one soil sample was collected at each boring due to refusal at shallow depths. Groundwater was not encountered in any of the six borings (B-1 through B-6) completed at the Collaborative Research Center site and no groundwater sample was collected. The soil samples were analyzed by Chemtech Laboratories of Mountainside, NJ, a New York State Department of Health-certified laboratory, for VOCs by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides by EPA Methods 8081, polychlorinated biphenyls (PCB) by EPA method 8082, and Target Analyte List (TAL) metals.

One trip blank and one field blank were submitted for laboratory analysis along with the collected samples. The field blank was analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082, and TAL Metals (filtered and unfiltered analyses), and the trip blank was analyzed for VOCs by EPA Method 8260 only. Soil and water samples slated for laboratory analysis were placed in laboratory-supplied containers in accordance with appropriate EPA protocols.

### **3.2 Field Observations and Analytical Results**

Soil encountered during this investigation primarily consisted of uncontrolled fill that was comprised of brown, coarse to fine sand with traces of brick and gravel. At the Electrical Vault (B-12 and B-13), the fill extended to about eight feet below grade and was underlain by brown, coarse to fine sand with traces of clay to a depth of approximately 12 to 14. Below this was decomposed rock consisting of brown to grey mica schist. At the Collaborative Research Center site (B-1 to B-6), the fill encountered from approximately one to two feet below grade was underlain directly by decomposed rock. At the LARC Annex site (B-7 to B-11, and B-14) only uncontrolled fill was observed in the shallow borings extending to four feet below grade.

Groundwater was encountered in boring B-12 at a depth of approximately 17 feet below surface grade and in boring B-8 at a depth of approximately six to seven feet below grade. Groundwater was not encountered in any of the other borings advanced at the site as part of this investigation. Refusal on presumed bedrock was encountered at a depth of approximately 2.5 feet below grade in boring B-5; approximately three feet below grade in B-3 and B-4; approximately 4.5 feet below grade in B-1, B-2, and B-6; and approximately 12 feet below grade in B-13. Refusal was not encountered in B-12, which was extended to a depth of 20 feet below grade, and the borings completed at the LARC Annex site, which were extended to a depth of four feet (B-7, B-9 to B-11, and B-14) and eight feet (B-8).

Recovered soil at each boring was transferred from the sampler into sealable plastic bags. The headspace of each sample was screened for VOCs by placing the probe of a Model 580B PID inside the plastic bags. No PID headspace readings were detected above background in any of the soil borings except B-6 that had a reading of 4.3 ppm. Slight petroleum odor was also noted in boring B-6. Slight dark stain was observed in the fill material in borings B-11, B-12, and B-13. No staining, odors or other evidence of contamination was observed at the remaining sampling locations. Results of the field screening activities are provided in the soil boring logs in Appendix A.

Since groundwater was not encountered in any of the six borings at the Collaborative Research Center site (B-1 through B-6), no groundwater sample was collected.

## **4.0 LABORATORY ANALYTICAL RESULTS**

### **4.1 Soil Analytical Results**

Sixteen discrete soil samples were collected for laboratory analysis. One soil sample was collected from each boring location with the exception of borings B-12 and B-13, where a two soil samples were collected per location. Soil sample analytical results were compared to New York State Department of Environmental Conservation (NYSDEC) Part 375 Soil Cleanup Objectives (SCOs) for residential use. Soil descriptions, observations, and PID readings were recorded on the soil boring logs provided in Appendix A. Laboratory analytical data sheets are included in Appendix B.

Soil analytical results for VOCs are presented in Table 1. Four VOCs (2-butanone, acetone, carbon disulfide, and methylene chloride) were detected, but at low concentrations well below their respective SCOs. Acetone was detected in most samples, but was also present in the method blanks, indicating that it is a laboratory artifact. Methylene chloride was detected in several samples, and was also present in the field blank. The VOC compound 2-butanone was detected in soil sample B-12-5-7 and B-12-13-15 well below its SCO of 100,000 ppb. No SCO was given for carbon disulfide that was reported in soil sample B-4-1-2 at an estimated value of 17 ppb. No other VOCs were detected in any of the soil samples analyzed.

Soil analytical results for SVOCs are presented in Table 2. No SVOCs were detected in the six soil samples B-1-2-4, B-5-1-2, B-9-2-4, B-12-5-7, B-12-13-15, and B-13-10-12. Seventeen SVOCs were detected in the remaining soil samples with six common polycyclic aromatic hydrocarbons (PAHs), slightly exceeding their respective SCOs in the three soil samples B-3-2-3, B-10-2-4, and B-11-2-4.

- Benzo(a)anthracene exceeded its SCO of 1,000 ppb in B-10-2-4 (1,900 ppb), and in B-11-2-4 (1,000 ppb);
- Benzo(a)pyrene exceeded its SCO of 1,000 ppb in B-3-2-3 (1,000 ppb) and in B-10-2-4 (1,800 ppb);
- Benzo(b)fluoranthene exceeded its SCO of 1,000 ppb in B-3-2-3 (1,300 ppb), in B-10-2-4 (1,800 ppb), and in B-11-2-4 (1,300 ppb);
- Chrysene exceeded its SCO of 1,000 ppb in B-10-2-4 (1,900 ppb), and in B-11-2-4 (1,000 ppb);
- Indeno(1,2,3-cd)pyrene exceeded its SCO of 500 ppb in B-3-2-3 (520 ppb), in B-10-2-4 (1,100 ppb), and in B-11-2-4 (520 ppb);

Common PAHs were also detected in the remaining soil samples, but did not exceed their respective SCOs. Based on the nature and concentration of the compounds detected and the lack of significant evidence of contamination in the soil samples (i.e., staining, odors, or PID readings), the elevated levels of SVOCs detected in the samples were likely attributable to the urban fill present at shallow depths at the site and are not indicative of environmental contamination from historic on-site spills or releases. No SVOCs were detected in the native soil collected at greater depths below the fill (B-12-13-15 and B-13-10-12).

Metals analytical results are presented in Table 3. One exceedance of lead was found in one soil sample B-3-2-3 at a concentration of 453 ppm slightly above its SCO of 400 ppm. Based on the type and distribution of the identified metals concentrations, the metals are most likely attributable to urban fill (and/or the natural presence of these metals) at the site and do not appear to be indicative of environmental contamination from historic on-site spills or releases.

Analytical results for PCBs and pesticides are presented in Table 4. No PCBs were detected in any of the soil samples. Four pesticides were detected trace levels well below their respective SCOs in the three soil samples B-5-1-2, B-8-3-5, and B-10-2-4. The pesticide compound 4,4-DDE was found in soil samples B-5-1-2 and B-8-3-5 well below its SCO of 1,800 ppb at concentrations of 5.0 ppb and 2.2 ppb, respectively. The compound 4,4-DDT was detected in soil samples B-8-3-5 and B-10-2-4 well below their SCO of 1,700 ppb at concentrations of 4.1 ppb and 2.6 ppb, respectively. Alpha-Chlordane was identified in soil samples B-8-3-5 and B-10-2-4 well below their SCO of 910 ppb at concentrations of 2.3 ppb and 2.7 ppb, respectively. And gamma-chlordane was detected at a concentration of 1.8 ppb in soil sample B-10-2-4. Based on



the analytical results, the low concentrations of detected pesticides are most likely attributable to urban fill at the site and do not appear to be indicative of environmental contamination from historic on-site spills or releases.

#### **4.2 Groundwater Analytical Results**

Groundwater was not encountered in any of the six borings advanced at the Collaborative Research Center, and therefore no groundwater sample was collected for analyses.

#### **4.3 Quality Assurance/Quality Control (QA/QC) Analytical Results**

One field blank sample, FB-1, and one trip blank, TB-1, were collected for quality assurance/quality control (QA/QC) purposes and the analytical results were compared to the NYSDEC Class GA Ambient Water Quality Standards (drinking water standards), although groundwater is not used as a potable source in Manhattan.

A summary of the QA/QC analytical results are presented in Tables 5 through 8. No SVOCs, PCBs, or pesticides were detected in the field blank FB-1. Two VOCs, 1,2-dichloropropane and methylene chloride, were detected in the field blank. The compound 1,2-dichloropropane was found at an estimated concentration of 1.2 ppb, slightly exceeding its standard of 1 ppb. This compound was not detected in any of the soil samples collected at the site. The metal compounds, calcium, copper, sodium, and zinc were also detected in the field blank, but well below their standards. No VOCs were detected in the trip blank.

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

AKRF, Inc. (AKRF) conducted a subsurface (Phase II) investigation at the Rockefeller University campus located at 1230 York Avenue in Manhattan, New York. The scope of the Phase II study was based on the results of a Phase I Environmental Site Assessment (ESA) conducted by AKRF in May 2007, which was part of a the Environmental Assessment Statement (EAS) being conducted for the site. The Phase II study was conducted in accordance with AKRF's New York City Department of Environmental Protection (NYCDEP)-approved Sampling Protocol and site-specific Health and Safety Plan (HASP) and the NYCDEP comments/recommendations letter dated May 9, 2007. The investigation included the collection of soil samples for laboratory analysis at three locations on the campus where construction is proposed: the proposed sites of the Collaborative Research Center; the Laboratory Animal Research Center (LARC) Annex and Imaging Building; and the Electrical Vault.

Soil encountered during this investigation primarily consisted of uncontrolled fill that was comprised of brown, coarse to fine sand with traces of brick and gravel. At the Electrical Vault (B-12 and B-13), the fill extended to about eight feet below grade and was underlain by brown, coarse to fine sand with traces of clay to a depth of approximately 12 to 14. Below this was decomposed rock consisting of brown to grey mica schist. At the Collaborative Research Center site (B-1 to B-6), the fill encountered from approximately one to two feet below grade was underlain directly by decomposed rock. At the LARC Annex site (B-7 to B-11, and B-14) only uncontrolled fill was observed in the shallow borings extending to four feet below grade. Groundwater was encountered in boring B-12 at a depth of approximately 17 feet below surface grade and in boring B-8 at a depth of approximately six to seven feet below grade. Groundwater was not encountered in any of the other borings advanced at the site as part of this investigation. Refusal on presumed bedrock was encountered at a depth of approximately 2.5 feet below grade in boring B-5; approximately three feet below grade in B-3 and B-4; approximately 4.5 feet below grade in B-1, B-2, and B-6; and approximately 12 feet below grade in B-13. Refusal was not encountered in B-12, which was extended to a depth of 20 feet below grade, and the borings completed at the LARC Annex site, which were extended to a depth of four feet (B-7, B-9 to B-11, and B-14) and eight feet (B-8).

Sixteen discrete soil samples were collected from the 14 soil borings for laboratory analysis. Groundwater was not encountered in any of the six borings (B-1 through B-6) completed at the Collaborative Research Center site and no groundwater sample was collected. Soil sample analytical results were compared to New York State Department of Environmental Conservation (NYSDEC) Part 375 Soil Cleanup Objectives (SCOs) for residential use. The only compounds detected at levels exceeding the SCOs were six common polycyclic aromatic hydrocarbons (PAHs), benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene. One or more of these compounds were present at levels slightly exceeding their respective SCOs in the three soil samples B-3-2-3, B-10-2-4, and B-11-2-4, which were collected from the surface fill material. No SVOCs were detected in the soil collected at greater depths in the native soil below the fill (B-12-13-15 and B-13-10-12). Lead was found in one soil sample B-3-2-3 at a concentration of 453 ppm, slightly above its SCO of 400 ppm.

Based on the nature and concentration of the compounds detected and the lack of significant evidence of contamination in the soil samples (i.e., staining, odors, or PID readings), the levels of SVOCs detected in the samples were likely attributable to the urban fill present at shallow depths at the site and are not indicative of environmental contamination from historic on-site spills or releases.

Redevelopment of the subject property includes construction at three onsite locations: the proposed sites of the Collaborative Research Center; the LARC Annex and Imaging Building; and the Electrical Vault. The proposed Collaborative Research Center is a six-story building, with three subgrade levels, to be constructed in the below-grade courtyard between Theobald Smith Hall and Flexner Hall near the

northeast corner of the campus, with a one-story section on the west side of Theobald Smith Hall. The LARC Annex and Imaging Building, a four-story and one-story addition, is proposed to be constructed on the east side of the existing LARC, which is located near York Avenue between East 63<sup>rd</sup> and East 64<sup>th</sup> Streets. A new sub-grade electrical vault is proposed to be constructed under the south campus parking lot, located near York Avenue between East 65<sup>th</sup> and East 66<sup>th</sup> Streets.

It is not anticipated that dewatering will be necessary as part of site development, although some soil disturbance will be required. Surface soil at the subject property primarily comprises urban fill, exhibiting above-background levels of organic compounds and lead. Any soil excavated as part of any future site development activities will be managed in accordance with all applicable regulations. Soil intended for off-site disposal will be tested in accordance with the requirements of the receiving facility. Transportation of material leaving the site for off-site disposal will be in accordance with federal, state and local requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc.

If development plans change and dewatering is required, regulatory protocols may require pretreatment of groundwater pumped from the site before discharge into the municipal sewer system. Discharge water must meet the NYCDEP criteria for effluent to municipal sewers, in accordance with the NYCDEP Bureau of Wastewater Treatment (BWT) Wastewater Quality Control Permit. Following on-site treatment, the water would be disposed of in the City sewer in accordance with the appropriate permit.

To minimize the potential for impacts to the community and construction workers, all demolition, excavation, and construction work involving soil disturbance should be performed under a site-specific environmental construction health and safety plan (CHASP). The CHASP, which will be approved by the NYCDEP, will be based on the results of this Phase II study and will specify appropriate testing and/or monitoring (e.g., real-time dust and organic vapor air monitoring) and detail appropriate measures to be implemented (including notification of regulatory agencies) if underground storage tanks, soil and groundwater contamination, or other unforeseen environmental conditions are encountered.

To address environmental conditions that may be encountered during proposed construction and development activities, a Remedial Action Plan (RAP) will be prepared. The purpose of this RAP is to present measures for managing on-site soil and groundwater and removing any potential unknown buried drums, petroleum storage tanks, or other storage containers in accordance with applicable federal, state, and local regulations (including notification of regulatory agencies). Soil management includes guidelines for temporary on-site stockpiling and off-site transportation and disposal. The RAP will be submitted to NYCDEP for review and approval.

Based on the results of this investigation, no further investigation is warranted at this time.

## TABLES

**Table 1**  
**Rockefeller University**  
New York, New York  
Soil Analytical Results  
*Volatile Organic Compounds (VOCs)*

| Dilution<br>Client ID<br>Date Sampled<br>Lab Sample ID<br>Units | NYSDEC Part 375<br>Soil Cleanup<br>Objectives<br>(Residential Use) | 1<br>B-1-2-4<br>5/23/2007<br>Y2852-01<br>ug/Kg | 1<br>B-2-3-4<br>5/23/2007<br>Y2852-02<br>ug/Kg | 1<br>B-3-2-3<br>5/23/2007<br>Y2852-03<br>ug/Kg | 1<br>B-4-1-2<br>5/23/2007<br>Y2852-09<br>ug/Kg | 1<br>B-4-1-2RE<br>5/23/2007<br>Y2852-09RE<br>ug/Kg | 1<br>B-5-1-2<br>5/23/2007<br>Y2852-08<br>ug/Kg | 1<br>B-6-3-4<br>5/23/2007<br>Y2852-04<br>ug/Kg | 1<br>B-7-2-4<br>5/24/2007<br>Y2881-09<br>ug/Kg | 1<br>B-8-3-5<br>5/24/2007<br>Y2881-08<br>ug/Kg |
|-----------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|----------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Compound                                                        |                                                                    |                                                |                                                |                                                |                                                |                                                    |                                                |                                                |                                                |                                                |
| 1,1,1-Trichloroethane                                           | 100000                                                             | 2.1 U                                          | 2.2 U                                          | 2.3 U                                          | 2.1 U                                          | 2.1 U                                              | 2.2 U                                          | 2.2 U                                          | 2.4 U                                          | 2.6 U                                          |
| 1,1,2,2-Tetrachloroethane                                       | NS                                                                 | 1.5 U                                          | 1.6 U                                          | 1.7 U                                          | 1.6 U                                          | 1.6 U                                              | 1.6 U                                          | 1.6 U                                          | 1.8 U                                          | 1.9 U                                          |
| 1,1,2-Trichloroethane                                           | NS                                                                 | 1.5 U                                          | 1.5 U                                          | 1.6 U                                          | 1.5 U                                          | 1.5 U                                              | 1.5 U                                          | 1.5 U                                          | 1.7 U                                          | 1.8 U                                          |
| 1,1,2-Trichlorotrifluoroethane                                  | NS                                                                 | 3.3 U                                          | 3.5 U                                          | 3.7 U                                          | 3.4 U                                          | 3.3 U                                              | 3.4 U                                          | 3.4 U                                          | 3.8 U                                          | 4.1 U                                          |
| 1,1-Dichloroethane                                              | 19000                                                              | 1.3 U                                          | 1.4 U                                          | 1.5 U                                          | 1.4 U                                          | 1.3 U                                              | 1.4 U                                          | 1.4 U                                          | 1.5 U                                          | 1.7 U                                          |
| 1,1-Dichloroethene                                              | 100000                                                             | 2.8 U                                          | 3.0 U                                          | 3.2 U                                          | 2.9 U                                          | 2.9 U                                              | 3.0 U                                          | 3.0 U                                          | 3.3 U                                          | 3.5 U                                          |
| 1,2,4-Trichlorobenzene                                          | NS                                                                 | 3.4 U                                          | 3.6 U                                          | 3.8 U                                          | 3.5 U                                          | 3.4 U                                              | 3.5 U                                          | 3.5 U                                          | 3.9 U                                          | 4.2 U                                          |
| 1,2-Dibromo-3-Chloropropane                                     | NS                                                                 | 4.7 U                                          | 4.9 U                                          | 5.2 U                                          | 4.8 U                                          | 4.7 U                                              | 4.9 U                                          | 4.9 U                                          | 5.4 U                                          | 5.8 U                                          |
| 1,2-Dibromoethane                                               | NS                                                                 | 2.0 U                                          | 2.1 U                                          | 2.2 U                                          | 2.0 U                                          | 2.0 U                                              | 2.1 U                                          | 2.1 U                                          | 2.3 U                                          | 2.5 U                                          |
| 1,2-Dichlorobenzene                                             | 100000                                                             | 1.9 U                                          | 2.0 U                                          | 2.1 U                                          | 1.9 U                                          | 1.9 U                                              | 2.0 U                                          | 2.0 U                                          | 2.2 U                                          | 2.4 U                                          |
| 1,2-Dichloroethane                                              | 2300                                                               | 1.5 U                                          | 1.6 U                                          | 1.7 U                                          | 1.6 U                                          | 1.5 U                                              | 1.6 U                                          | 1.6 U                                          | 1.8 U                                          | 1.9 U                                          |
| 1,2-Dichloropropane                                             | NS                                                                 | 2.0 U                                          | 2.1 U                                          | 2.2 U                                          | 2.0 U                                          | 2.0 U                                              | 2.0 U                                          | 2.0 U                                          | 2.3 U                                          | 2.5 U                                          |
| 1,3-Dichlorobenzene                                             | 17000                                                              | 2.8 U                                          | 2.9 U                                          | 3.1 U                                          | 2.8 U                                          | 2.8 U                                              | 2.9 U                                          | 2.9 U                                          | 3.2 U                                          | 3.4 U                                          |
| 1,4-Dichlorobenzene                                             | 9800                                                               | 2.7 U                                          | 2.8 U                                          | 3.0 U                                          | 2.8 U                                          | 2.7 U                                              | 2.8 U                                          | 2.8 U                                          | 3.1 U                                          | 3.4 U                                          |
| 2-Butanone                                                      | 100000                                                             | 14 U                                           | 15 U                                           | 16 U                                           | 14 U                                           | 14 U                                               | 15 U                                           | 15 U                                           | 16 U                                           | 17 U                                           |
| 2-Hexanone                                                      | NS                                                                 | 18 U                                           | 19 U                                           | 20 U                                           | 18 U                                           | 18 U                                               | 19 U                                           | 19 U                                           | 21 U                                           | 22 U                                           |
| 4-Methyl-2-Pentanone                                            | NS                                                                 | 9.8 U                                          | 10 U                                           | 11 U                                           | 10 U                                           | 9.9 U                                              | 10 U                                           | 10 U                                           | 11 U                                           | 12 U                                           |
| Acetone                                                         | 100000                                                             | 17 U                                           | 18 U                                           | 18 U                                           | 160                                            | 17 U                                               | 17 U                                           | 59 J                                           | 250 B                                          | 120 JB                                         |
| Benzene                                                         | 2900                                                               | 2.0 U                                          | 2.1 U                                          | 2.2 U                                          | 2.0 U                                          | 2.0 U                                              | 2.1 U                                          | 2.1 U                                          | 2.3 U                                          | 2.5 U                                          |
| Bromodichloromethane                                            | NS                                                                 | 1.7 U                                          | 1.7 U                                          | 1.8 U                                          | 1.7 U                                          | 1.7 U                                              | 1.7 U                                          | 1.7 U                                          | 1.9 U                                          | 2.1 U                                          |
| Bromoform                                                       | NS                                                                 | 1.5 U                                          | 1.6 U                                          | 1.7 U                                          | 1.6 U                                          | 1.6 U                                              | 1.6 U                                          | 1.6 U                                          | 1.8 U                                          | 1.9 U                                          |
| Bromomethane                                                    | NS                                                                 | 10 U                                           | 11 U                                           | 11 U                                           | 10 U                                           | 10 U                                               | 10 U                                           | 10 U                                           | 12 U                                           | 13 U                                           |
| Carbon Disulfide                                                | NS                                                                 | 1.8 U                                          | 1.9 U                                          | 2.0 U                                          | 1.7 J                                          | 9.4 J                                              | 1.9 U                                          | 1.9 U                                          | 2.1 U                                          | 2.3 U                                          |
| Carbon Tetrachloride                                            | 1400                                                               | 2.2 U                                          | 2.3 U                                          | 2.4 U                                          | 2.2 U                                          | 2.2 U                                              | 2.3 U                                          | 2.3 U                                          | 2.6 U                                          | 2.7 U                                          |
| Chlorobenzene                                                   | 100000                                                             | 1.8 U                                          | 1.9 U                                          | 2.0 U                                          | 1.8 U                                          | 1.8 U                                              | 1.9 U                                          | 1.9 U                                          | 2.1 U                                          | 2.2 U                                          |
| Chloroethane                                                    | NS                                                                 | 11 U                                           | 11 U                                           | 12 U                                           | 11 U                                           | 11 U                                               | 11 U                                           | 11 U                                           | 12 U                                           | 13 U                                           |
| Chloroform                                                      | 10000                                                              | 1.7 U                                          | 1.8 U                                          | 1.9 U                                          | 1.8 U                                          | 1.7 U                                              | 1.8 U                                          | 1.8 U                                          | 2.0 U                                          | 2.1 U                                          |
| Chloromethane                                                   | NS                                                                 | 4.2 U                                          | 4.4 U                                          | 4.7 U                                          | 4.3 U                                          | 4.3 U                                              | 4.4 U                                          | 4.4 U                                          | 4.9 U                                          | 5.3 U                                          |
| cis-1,2-Dichloroethene                                          | 59000                                                              | 1.6 U                                          | 1.7 U                                          | 1.8 U                                          | 1.6 U                                          | 1.6 U                                              | 1.7 U                                          | 1.7 U                                          | 1.9 U                                          | 2.0 U                                          |
| cis-1,3-Dichloropropene                                         | NS                                                                 | 1.6 U                                          | 1.7 U                                          | 1.8 U                                          | 1.7 U                                          | 1.7 U                                              | 1.7 U                                          | 1.7 U                                          | 1.9 U                                          | 2.0 U                                          |
| Cyclohexane                                                     | NS                                                                 | 1.6 U                                          | 1.7 U                                          | 1.8 U                                          | 1.6 U                                          | 1.6 U                                              | 1.7 U                                          | 1.7 U                                          | 1.9 U                                          | 2.0 U                                          |
| Dibromochloromethane                                            | NS                                                                 | 1.1 U                                          | 1.2 U                                          | 1.3 U                                          | 1.2 U                                          | 1.2 U                                              | 1.2 U                                          | 1.2 U                                          | 1.3 U                                          | 1.4 U                                          |
| Dichlorodifluoromethane                                         | NS                                                                 | 4.2 U                                          | 4.5 U                                          | 4.7 U                                          | 4.3 U                                          | 4.3 U                                              | 4.4 U                                          | 4.4 U                                          | 4.9 U                                          | 5.3 U                                          |
| Ethyl Benzene                                                   | 30000                                                              | 1.8 U                                          | 1.8 U                                          | 1.9 U                                          | 1.8 U                                          | 1.8 U                                              | 1.8 U                                          | 1.8 U                                          | 2.0 U                                          | 2.2 U                                          |
| Isopropylbenzene                                                | NS                                                                 | 2.1 U                                          | 2.2 U                                          | 2.3 U                                          | 2.1 U                                          | 2.1 U                                              | 2.1 U                                          | 2.1 U                                          | 2.4 U                                          | 2.6 U                                          |
| m/p-Xylenes                                                     | 100000                                                             | 4.3 U                                          | 4.5 U                                          | 4.8 U                                          | 4.4 U                                          | 4.3 U                                              | 4.5 U                                          | 4.5 U                                          | 5.0 U                                          | 5.3 U                                          |
| Methyl Acetate                                                  | NS                                                                 | 4.3 U                                          | 4.5 U                                          | 4.8 U                                          | 4.4 U                                          | 4.3 U                                              | 4.5 U                                          | 4.5 U                                          | 5.0 U                                          | 5.3 U                                          |
| Methyl tert-butyl Ether                                         | 62000                                                              | 1.8 U                                          | 1.9 U                                          | 2.0 U                                          | 1.9 U                                          | 1.8 U                                              | 1.9 U                                          | 1.9 U                                          | 2.1 U                                          | 2.3 U                                          |
| Methylcyclohexane                                               | NS                                                                 | 2.1 U                                          | 2.2 U                                          | 2.3 U                                          | 2.1 U                                          | 2.1 U                                              | 2.2 U                                          | 2.2 U                                          | 2.4 U                                          | 2.6 U                                          |
| Methylene Chloride                                              | 51000                                                              | 29                                             | 29                                             | 10 U                                           | 29                                             | 9.1 U                                              | 9.4 U                                          | 27                                             | 11 U                                           | 11 U                                           |
| o-Xylene                                                        | 100000                                                             | 1.9 U                                          | 2.0 U                                          | 2.1 U                                          | 1.9 U                                          | 1.9 U                                              | 2.0 U                                          | 2.0 U                                          | 2.2 U                                          | 2.4 U                                          |
| Styrene                                                         | NS                                                                 | 2.3 U                                          | 2.4 U                                          | 2.5 U                                          | 2.3 U                                          | 2.3 U                                              | 2.4 U                                          | 2.4 U                                          | 2.6 U                                          | 2.8 U                                          |
| t-1,3-Dichloropropene                                           | NS                                                                 | 1.8 U                                          | 1.9 U                                          | 2.0 U                                          | 1.8 U                                          | 1.8 U                                              | 1.9 U                                          | 1.9 U                                          | 2.1 U                                          | 2.2 U                                          |
| Tetrachloroethene                                               | 5500                                                               | 3.6 U                                          | 3.8 U                                          | 4.0 U                                          | 3.7 U                                          | 3.7 U                                              | 3.8 U                                          | 3.8 U                                          | 4.2 U                                          | 4.5 U                                          |
| Toluene                                                         | 100000                                                             | 2.0 U                                          | 2.1 U                                          | 2.2 U                                          | 2.0 U                                          | 2.0 U                                              | 2.1 U                                          | 2.1 U                                          | 2.3 U                                          | 2.5 U                                          |
| trans-1,2-Dichloroethene                                        | 100000                                                             | 3.2 U                                          | 3.3 U                                          | 3.5 U                                          | 3.2 U                                          | 3.2 U                                              | 3.3 U                                          | 3.3 U                                          | 3.7 U                                          | 3.9 U                                          |
| Trichloroethene                                                 | 10000                                                              | 1.5 U                                          | 1.6 U                                          | 1.7 U                                          | 1.6 U                                          | 1.5 U                                              | 1.6 U                                          | 1.6 U                                          | 1.8 U                                          | 1.9 U                                          |
| Trichlorofluoromethane                                          | NS                                                                 | 6.2 U                                          | 6.5 U                                          | 6.9 U                                          | 6.3 U                                          | 6.2 U                                              | 6.4 U                                          | 6.4 U                                          | 7.2 U                                          | 7.7 U                                          |
| Vinyl Chloride                                                  | 210                                                                | 4.1 U                                          | 4.3 U                                          | 4.5 U                                          | 4.2 U                                          | 4.1 U                                              | 4.2 U                                          | 4.2 U                                          | 4.7 U                                          | 5.1 U                                          |

**Table 1**  
**Rockefeller University**  
New York, New York  
Soil Analytical Results  
*Volatile Organic Compounds (VOCs)*

| Dilution<br>Client ID<br>Date Sampled<br>Lab Sample ID<br>Units | NYSDEC Part 375<br>Soil Cleanup<br>Objectives<br>(Residential Use) | 1<br>B-8-3-5RE<br>5/24/2007<br>Y2881-08RE<br>ug/Kg | 1<br>B-9-2-4<br>5/24/2007<br>Y2881-06<br>ug/Kg | 1<br>B-10-2-4<br>5/24/2007<br>Y2881-05<br>ug/Kg | 1<br>B-11-2-4<br>5/24/2007<br>Y2881-07<br>ug/Kg | 1<br>B-12-5-7<br>5/24/2007<br>Y2881-01<br>ug/Kg | 1<br>B-12-13-15<br>5/24/2007<br>Y2881-02<br>ug/Kg | 1<br>B-13-6-8<br>5/24/2007<br>Y2881-03<br>ug/Kg | 1<br>B-13-10-12<br>5/24/2007<br>Y2881-04<br>ug/Kg | 1<br>B-14-3-5<br>5/24/2007<br>Y2881-10<br>ug/Kg |
|-----------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|---------------------------------------------------|-------------------------------------------------|---------------------------------------------------|-------------------------------------------------|
| Compound                                                        |                                                                    |                                                    |                                                |                                                 |                                                 |                                                 |                                                   |                                                 |                                                   |                                                 |
| 1,1,1-Trichloroethane                                           | 100000                                                             | 2.6 U                                              | 2.6 U                                          | 2.4 U                                           | 2.4 U                                           | 2.6 U                                           | 2.6 U                                             | 2.5 U                                           | 2.5 U                                             | 2.6 U                                           |
| 1,1,2,2-Tetrachloroethane                                       | NS                                                                 | 1.9 U                                              | 1.9 U                                          | 1.8 U                                           | 1.8 U                                           | 1.9 U                                           | 2.0 U                                             | 1.8 U                                           | 1.9 U                                             | 1.9 U                                           |
| 1,1,2-Trichloroethane                                           | NS                                                                 | 1.8 U                                              | 1.8 U                                          | 1.7 U                                           | 1.7 U                                           | 1.8 U                                           | 1.8 U                                             | 1.7 U                                           | 1.8 U                                             | 1.8 U                                           |
| 1,1,2-Trichlorotrifluoroethane                                  | NS                                                                 | 4.1 U                                              | 4.1 U                                          | 3.9 U                                           | 3.8 U                                           | 4.1 U                                           | 4.2 U                                             | 3.9 U                                           | 4.0 U                                             | 4.2 U                                           |
| 1,1-Dichloroethane                                              | 19000                                                              | 1.6 U                                              | 1.7 U                                          | 1.6 U                                           | 1.5 U                                           | 1.6 U                                           | 1.7 U                                             | 1.6 U                                           | 1.6 U                                             | 1.7 U                                           |
| 1,1-Dichloroethene                                              | 100000                                                             | 3.5 U                                              | 3.6 U                                          | 3.3 U                                           | 3.3 U                                           | 3.5 U                                           | 3.6 U                                             | 3.4 U                                           | 3.5 U                                             | 3.6 U                                           |
| 1,2,4-Trichlorobenzene                                          | NS                                                                 | 4.2 U                                              | 4.3 U                                          | 4.0 U                                           | 3.9 U                                           | 4.2 U                                           | 4.3 U                                             | 4.0 U                                           | 4.1 U                                             | 4.3 U                                           |
| 1,2-Dibromo-3-Chloropropane                                     | NS                                                                 | 5.8 U                                              | 5.9 U                                          | 5.5 U                                           | 5.4 U                                           | 5.8 U                                           | 5.9 U                                             | 5.5 U                                           | 5.7 U                                             | 5.9 U                                           |
| 1,2-Dibromoethane                                               | NS                                                                 | 2.5 U                                              | 2.5 U                                          | 2.3 U                                           | 2.3 U                                           | 2.5 U                                           | 2.5 U                                             | 2.4 U                                           | 2.4 U                                             | 2.5 U                                           |
| 1,2-Dichlorobenzene                                             | 100000                                                             | 2.4 U                                              | 2.4 U                                          | 2.2 U                                           | 2.2 U                                           | 2.4 U                                           | 2.4 U                                             | 2.3 U                                           | 2.3 U                                             | 2.4 U                                           |
| 1,2-Dichloroethane                                              | 2300                                                               | 1.9 U                                              | 1.9 U                                          | 1.8 U                                           | 1.8 U                                           | 1.9 U                                           | 1.9 U                                             | 1.8 U                                           | 1.9 U                                             | 1.9 U                                           |
| 1,2-Dichloropropane                                             | NS                                                                 | 2.4 U                                              | 2.5 U                                          | 2.3 U                                           | 2.3 U                                           | 2.4 U                                           | 2.5 U                                             | 2.3 U                                           | 2.4 U                                             | 2.5 U                                           |
| 1,3-Dichlorobenzene                                             | 17000                                                              | 3.4 U                                              | 3.5 U                                          | 3.2 U                                           | 3.2 U                                           | 3.4 U                                           | 3.5 U                                             | 3.3 U                                           | 3.4 U                                             | 3.5 U                                           |
| 1,4-Dichlorobenzene                                             | 9800                                                               | 3.3 U                                              | 3.4 U                                          | 3.2 U                                           | 3.1 U                                           | 3.3 U                                           | 3.4 U                                             | 3.2 U                                           | 3.3 U                                             | 3.4 U                                           |
| 2-Butanone                                                      | 100000                                                             | 17 U                                               | 18 U                                           | 16 U                                            | 16 U                                            | 37 J                                            | 34 J                                              | 17 U                                            | 17 U                                              | 18 U                                            |
| 2-Hexanone                                                      | NS                                                                 | 22 U                                               | 22 U                                           | 21 U                                            | 21 U                                            | 22 U                                            | 23 U                                              | 21 U                                            | 22 U                                              | 23 U                                            |
| 4-Methyl-2-Pentanone                                            | NS                                                                 | 12 U                                               | 12 U                                           | 11 U                                            | 11 U                                            | 12 U                                            | 12 U                                              | 12 U                                            | 12 U                                              | 12 U                                            |
| Acetone                                                         | 100000                                                             | 230                                                | 260 B                                          | 190 B                                           | 82 JB                                           | 100 JB                                          | 88 JB                                             | 160 B                                           | 20 U                                              | 90 J                                            |
| Benzene                                                         | 2900                                                               | 2.4 U                                              | 2.5 U                                          | 2.3 U                                           | 2.3 U                                           | 2.4 U                                           | 2.5 U                                             | 2.3 U                                           | 2.4 U                                             | 2.5 U                                           |
| Bromodichloromethane                                            | NS                                                                 | 2.0 U                                              | 2.1 U                                          | 1.9 U                                           | 1.9 U                                           | 2.0 U                                           | 2.1 U                                             | 2.0 U                                           | 2.0 U                                             | 2.1 U                                           |
| Bromoform                                                       | NS                                                                 | 1.9 U                                              | 1.9 U                                          | 1.8 U                                           | 1.8 U                                           | 1.9 U                                           | 1.9 U                                             | 1.8 U                                           | 1.9 U                                             | 1.9 U                                           |
| Bromomethane                                                    | NS                                                                 | 12 U                                               | 13 U                                           | 12 U                                            | 12 U                                            | 12 U                                            | 13 U                                              | 12 U                                            | 12 U                                              | 13 U                                            |
| Carbon Disulfide                                                | NS                                                                 | 2.2 U                                              | 2.3 U                                          | 2.1 U                                           | 2.1 U                                           | 2.2 U                                           | 2.3 U                                             | 2.2 U                                           | 2.2 U                                             | 2.3 U                                           |
| Carbon Tetrachloride                                            | 1400                                                               | 2.7 U                                              | 2.8 U                                          | 2.6 U                                           | 2.5 U                                           | 2.7 U                                           | 2.8 U                                             | 2.6 U                                           | 2.7 U                                             | 2.8 U                                           |
| Chlorobenzene                                                   | 100000                                                             | 2.2 U                                              | 2.3 U                                          | 2.1 U                                           | 2.1 U                                           | 2.2 U                                           | 2.3 U                                             | 2.1 U                                           | 2.2 U                                             | 2.3 U                                           |
| Chloroethane                                                    | NS                                                                 | 13 U                                               | 13 U                                           | 12 U                                            | 12 U                                            | 13 U                                            | 13 U                                              | 13 U                                            | 13 U                                              | 13 U                                            |
| Chloroform                                                      | 10000                                                              | 2.1 U                                              | 2.2 U                                          | 2.0 U                                           | 2.0 U                                           | 2.1 U                                           | 2.2 U                                             | 2.0 U                                           | 2.1 U                                             | 2.2 U                                           |
| Chloromethane                                                   | NS                                                                 | 5.2 U                                              | 5.3 U                                          | 5.0 U                                           | 4.9 U                                           | 5.2 U                                           | 5.4 U                                             | 5.0 U                                           | 5.2 U                                             | 5.3 U                                           |
| cis-1,2-Dichloroethene                                          | 59000                                                              | 2.0 U                                              | 2.0 U                                          | 1.9 U                                           | 1.9 U                                           | 2.0 U                                           | 2.0 U                                             | 1.9 U                                           | 2.0 U                                             | 2.0 U                                           |
| cis-1,3-Dichloropropene                                         | NS                                                                 | 2.0 U                                              | 2.1 U                                          | 1.9 U                                           | 1.9 U                                           | 2.0 U                                           | 2.1 U                                             | 1.9 U                                           | 2.0 U                                             | 2.1 U                                           |
| Cyclohexane                                                     | NS                                                                 | 2.0 U                                              | 2.0 U                                          | 1.9 U                                           | 1.9 U                                           | 2.0 U                                           | 2.0 U                                             | 1.9 U                                           | 2.0 U                                             | 2.0 U                                           |
| Dibromochloromethane                                            | NS                                                                 | 1.4 U                                              | 1.4 U                                          | 1.3 U                                           | 1.3 U                                           | 1.4 U                                           | 1.4 U                                             | 1.4 U                                           | 1.4 U                                             | 1.4 U                                           |
| Dichlorodifluoromethane                                         | NS                                                                 | 5.2 U                                              | 5.3 U                                          | 5.0 U                                           | 4.9 U                                           | 5.2 U                                           | 5.4 U                                             | 5.0 U                                           | 5.2 U                                             | 5.4 U                                           |
| Ethyl Benzene                                                   | 30000                                                              | 2.2 U                                              | 2.2 U                                          | 2.1 U                                           | 2.0 U                                           | 2.2 U                                           | 2.2 U                                             | 2.1 U                                           | 2.1 U                                             | 2.2 U                                           |
| Isopropylbenzene                                                | NS                                                                 | 2.5 U                                              | 2.6 U                                          | 2.4 U                                           | 2.4 U                                           | 2.5 U                                           | 2.6 U                                             | 2.4 U                                           | 2.5 U                                             | 2.6 U                                           |
| m/p-Xylenes                                                     | 100000                                                             | 5.3 U                                              | 5.4 U                                          | 5.0 U                                           | 4.9 U                                           | 5.3 U                                           | 5.4 U                                             | 5.1 U                                           | 5.2 U                                             | 5.4 U                                           |
| Methyl Acetate                                                  | NS                                                                 | 5.3 U                                              | 5.4 U                                          | 5.0 U                                           | 4.9 U                                           | 5.3 U                                           | 5.4 U                                             | 5.1 U                                           | 5.2 U                                             | 5.4 U                                           |
| Methyl tert-butyl Ether                                         | 62000                                                              | 2.2 U                                              | 2.3 U                                          | 2.1 U                                           | 2.1 U                                           | 2.2 U                                           | 2.3 U                                             | 2.2 U                                           | 2.2 U                                             | 2.3 U                                           |
| Methylcyclohexane                                               | NS                                                                 | 2.6 U                                              | 2.6 U                                          | 2.4 U                                           | 2.4 U                                           | 2.6 U                                           | 2.6 U                                             | 2.5 U                                           | 2.5 U                                             | 2.6 U                                           |
| Methylene Chloride                                              | 51000                                                              | 11 U                                               | 11 U                                           | 11 U                                            | 10 U                                            | 11 U                                            | 11 U                                              | 11 U                                            | 11 U                                              | 11 U                                            |
| o-Xylene                                                        | 100000                                                             | 2.3 U                                              | 2.4 U                                          | 2.2 U                                           | 2.2 U                                           | 2.3 U                                           | 2.4 U                                             | 2.3 U                                           | 2.3 U                                             | 2.4 U                                           |
| Styrene                                                         | NS                                                                 | 2.8 U                                              | 2.9 U                                          | 2.7 U                                           | 2.6 U                                           | 2.8 U                                           | 2.9 U                                             | 2.7 U                                           | 2.8 U                                             | 2.9 U                                           |
| t-1,3-Dichloropropene                                           | NS                                                                 | 2.2 U                                              | 2.3 U                                          | 2.1 U                                           | 2.1 U                                           | 2.2 U                                           | 2.3 U                                             | 2.1 U                                           | 2.2 U                                             | 2.3 U                                           |
| Tetrachloroethene                                               | 5500                                                               | 4.5 U                                              | 4.5 U                                          | 4.2 U                                           | 4.2 U                                           | 4.5 U                                           | 4.6 U                                             | 4.3 U                                           | 4.4 U                                             | 4.6 U                                           |
| Toluene                                                         | 100000                                                             | 2.5 U                                              | 2.5 U                                          | 2.4 U                                           | 2.3 U                                           | 2.5 U                                           | 2.5 U                                             | 2.4 U                                           | 2.5 U                                             | 2.5 U                                           |
| trans-1,2-Dichloroethene                                        | 100000                                                             | 3.9 U                                              | 4.0 U                                          | 3.7 U                                           | 3.6 U                                           | 3.9 U                                           | 4.0 U                                             | 3.8 U                                           | 3.9 U                                             | 4.0 U                                           |
| Trichloroethene                                                 | 10000                                                              | 1.9 U                                              | 1.9 U                                          | 1.8 U                                           | 1.8 U                                           | 1.9 U                                           | 1.9 U                                             | 1.8 U                                           | 1.9 U                                             | 1.9 U                                           |
| Trichlorofluoromethane                                          | NS                                                                 | 7.6 U                                              | 7.8 U                                          | 7.2 U                                           | 7.1 U                                           | 7.6 U                                           | 7.8 U                                             | 7.3 U                                           | 7.5 U                                             | 7.8 U                                           |
| Vinyl Chloride                                                  | 210                                                                | 5.0 U                                              | 5.1 U                                          | 4.8 U                                           | 4.7 U                                           | 5.0 U                                           | 5.2 U                                             | 4.8 U                                           | 5.0 U                                             | 5.1 U                                           |

**Table 2**  
**Rockefeller University**  
New York, NY  
Soil Analytical Results  
Semi-Volatile Organic Compounds (SVOCs)

| Dilution<br>Client ID<br>Date Sampled<br>Lab Sample ID<br>Units | NYSDEC Part 375<br>Soil Cleanup<br>Objectives<br>(Residential Use) | 1<br>B-1-2-4<br>5/23/2007<br>Y2852-01<br>ug/Kg | 1<br>B-2-3-4<br>5/23/2007<br>Y2852-02<br>ug/Kg | 1<br>B-3-2-3<br>5/23/2007<br>Y2852-03<br>ug/Kg | 1<br>B-4-1-2<br>5/23/2007<br>Y2852-09<br>ug/Kg | 1<br>B-5-1-2<br>5/23/2007<br>Y2852-08<br>ug/Kg | 1<br>B-6-3-4<br>5/23/2007<br>Y2852-04<br>ug/Kg |
|-----------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|
| <b>Compound</b>                                                 |                                                                    |                                                |                                                |                                                |                                                |                                                |                                                |
| 1,1-Biphenyl                                                    | NS                                                                 | 55 U                                           | 56 U                                           | 60 U                                           | 55 U                                           | 2200 U                                         | 56 U                                           |
| 2,2-oxybis(1-Chloropropane)                                     | NS                                                                 | 53 U                                           | 55 U                                           | 59 U                                           | 54 U                                           | 2200 U                                         | 55 U                                           |
| 2,4,5-Trichlorophenol                                           | NS                                                                 | 51 U                                           | 52 U                                           | 56 U                                           | 51 U                                           | 2100 U                                         | 52 U                                           |
| 2,4,6-Trichlorophenol                                           | NS                                                                 | 49 U                                           | 50 U                                           | 54 U                                           | 49 U                                           | 2000 U                                         | 50 U                                           |
| 2,4-Dichlorophenol                                              | NS                                                                 | 61 U                                           | 63 U                                           | 68 U                                           | 62 U                                           | 2500 U                                         | 63 U                                           |
| 2,4-Dimethylphenol                                              | NS                                                                 | 53 U                                           | 54 U                                           | 58 U                                           | 53 U                                           | 2100 U                                         | 54 U                                           |
| 2,4-Dinitrophenol                                               | NS                                                                 | 280 U                                          | 290 U                                          | 310 U                                          | 290 U                                          | 12000 U                                        | 290 U                                          |
| 2,4-Dinitrotoluene                                              | NS                                                                 | 49 U                                           | 50 U                                           | 54 U                                           | 49 U                                           | 2000 U                                         | 50 U                                           |
| 2,6-Dinitrotoluene                                              | NS                                                                 | 47 U                                           | 48 U                                           | 52 U                                           | 48 U                                           | 1900 U                                         | 48 U                                           |
| 2-Chloronaphthalene                                             | NS                                                                 | 55 U                                           | 57 U                                           | 61 U                                           | 56 U                                           | 2200 U                                         | 56 U                                           |
| 2-Chlorophenol                                                  | NS                                                                 | 53 U                                           | 55 U                                           | 58 U                                           | 54 U                                           | 2200 U                                         | 54 U                                           |
| 2-Methylnaphthalene                                             | NS                                                                 | 55 U                                           | 57 U                                           | 61 U                                           | 56 U                                           | 2300 U                                         | 57 U                                           |
| 2-Methylphenol                                                  | 100000                                                             | 55 U                                           | 57 U                                           | 61 U                                           | 56 U                                           | 2300 U                                         | 57 U                                           |
| 2-Nitroaniline                                                  | NS                                                                 | 42 U                                           | 44 U                                           | 46 U                                           | 43 U                                           | 1700 U                                         | 43 U                                           |
| 2-Nitrophenol                                                   | NS                                                                 | 51 U                                           | 53 U                                           | 56 U                                           | 52 U                                           | 2100 U                                         | 52 U                                           |
| 3,3-Dichlorobenzidine                                           | NS                                                                 | 57 U                                           | 59 U                                           | 63 U                                           | 57 U                                           | 2300 U                                         | 58 U                                           |
| 3+4-Methylphenols                                               | 34000                                                              | 52 U                                           | 54 U                                           | 58 U                                           | 53 U                                           | 2100 U                                         | 54 U                                           |
| 3-Nitroaniline                                                  | NS                                                                 | 43 U                                           | 45 U                                           | 48 U                                           | 44 U                                           | 1800 U                                         | 44 U                                           |
| 4,6-Dinitro-2-methylphenol                                      | NS                                                                 | 64 U                                           | 67 U                                           | 71 U                                           | 65 U                                           | 2600 U                                         | 66 U                                           |
| 4-Bromophenyl-phenylether                                       | NS                                                                 | 50 U                                           | 51 U                                           | 55 U                                           | 50 U                                           | 2000 U                                         | 51 U                                           |
| 4-Chloro-3-methylphenol                                         | NS                                                                 | 46 U                                           | 47 U                                           | 51 U                                           | 46 U                                           | 1900 U                                         | 47 U                                           |
| 4-Chloroaniline                                                 | NS                                                                 | 40 U                                           | 41 U                                           | 44 U                                           | 40 U                                           | 1600 U                                         | 40 U                                           |
| 4-Chlorophenyl-phenylether                                      | NS                                                                 | 52 U                                           | 54 U                                           | 58 U                                           | 53 U                                           | 2100 U                                         | 54 U                                           |
| 4-Nitroaniline                                                  | NS                                                                 | 57 U                                           | 59 U                                           | 63 U                                           | 57 U                                           | 2300 U                                         | 58 U                                           |
| 4-Nitrophenol                                                   | NS                                                                 | 41 U                                           | 42 U                                           | 45 U                                           | 42 U                                           | 1700 U                                         | 42 U                                           |
| Acenaphthene                                                    | 100000                                                             | 59 U                                           | 78 J                                           | 65 U                                           | 60 U                                           | 2400 U                                         | 61 U                                           |
| Acenaphthylene                                                  | 100000                                                             | 54 U                                           | 56 U                                           | 64 J                                           | 55 U                                           | 2200 U                                         | 55 U                                           |
| Acetophenone                                                    | NS                                                                 | 49 U                                           | 50 U                                           | 54 U                                           | 49 U                                           | 2000 U                                         | 50 U                                           |
| Anthracene                                                      | 100000                                                             | 50 U                                           | 190 J                                          | 220 J                                          | 100 J                                          | 2000 U                                         | 51 U                                           |
| Atrazine                                                        | NS                                                                 | 51 U                                           | 53 U                                           | 56 U                                           | 51 U                                           | 2100 U                                         | 52 U                                           |
| Benzaldehyde                                                    | NS                                                                 | 68 U                                           | 70 U                                           | 75 U                                           | 69 U                                           | 2800 U                                         | 70 U                                           |
| Benzo(a)anthracene                                              | 1000                                                               | 46 U                                           | 470                                            | 920                                            | 740                                            | 1900 U                                         | 48 U                                           |
| Benzo(a)pyrene                                                  | 1000                                                               | 53 U                                           | 420                                            | 1000                                           | 680                                            | 2200 U                                         | 54 U                                           |
| Benzo(b)fluoranthene                                            | 1000                                                               | 37 U                                           | 560                                            | 1300                                           | 930                                            | 1500 U                                         | 45 J                                           |
| Benzo(g,h,i)perylene                                            | 100000                                                             | 55 U                                           | 270 J                                          | 650                                            | 420                                            | 2200 U                                         | 56 U                                           |
| Benzo(k)fluoranthene                                            | 1000                                                               | 73 U                                           | 220 J                                          | 490                                            | 260 J                                          | 3000 U                                         | 75 U                                           |
| bis(2-Chloroethoxy)methane                                      | NS                                                                 | 55 U                                           | 56 U                                           | 60 U                                           | 55 U                                           | 2200 U                                         | 56 U                                           |
| bis(2-Chloroethyl)ether                                         | NS                                                                 | 52 U                                           | 54 U                                           | 58 U                                           | 53 U                                           | 2100 U                                         | 54 U                                           |
| bis(2-Ethylhexyl)phthalate                                      | NS                                                                 | 64 U                                           | 66 U                                           | 70 U                                           | 64 U                                           | 2600 U                                         | 65 U                                           |
| Butylbenzylphthalate                                            | NS                                                                 | 54 U                                           | 55 U                                           | 59 U                                           | 54 U                                           | 2200 U                                         | 55 U                                           |
| Caprolactam                                                     | NS                                                                 | 53 U                                           | 55 U                                           | 59 U                                           | 54 U                                           | 2200 U                                         | 55 U                                           |
| Carbazole                                                       | NS                                                                 | 51 U                                           | 64 J                                           | 56 U                                           | 51 U                                           | 2100 U                                         | 52 U                                           |
| Chrysene                                                        | 1000                                                               | 60 U                                           | 420                                            | 790                                            | 710                                            | 2400 U                                         | 61 U                                           |
| Dibenz(a,h)anthracene                                           | 330                                                                | 42 U                                           | 43 U                                           | 78 J                                           | 51 J                                           | 1700 U                                         | 43 U                                           |
| Dibenzofuran                                                    | 14000                                                              | 55 U                                           | 57 U                                           | 61 U                                           | 56 U                                           | 2200 U                                         | 56 U                                           |
| Diethylphthalate                                                | NS                                                                 | 57 U                                           | 59 U                                           | 63 U                                           | 58 U                                           | 2300 U                                         | 59 U                                           |
| Dimethylphthalate                                               | NS                                                                 | 53 U                                           | 55 U                                           | 59 U                                           | 54 U                                           | 2200 U                                         | 55 U                                           |
| Di-n-butylphthalate                                             | NS                                                                 | 51 U                                           | 52 U                                           | 56 U                                           | 51 U                                           | 2100 U                                         | 52 U                                           |
| Di-n-octyl phthalate                                            | NS                                                                 | 56 U                                           | 58 U                                           | 62 U                                           | 57 U                                           | 2300 U                                         | 58 U                                           |
| Fluoranthene                                                    | 100000                                                             | 49 U                                           | 990                                            | 1500                                           | 1200                                           | 2000 U                                         | 57 J                                           |
| Fluorene                                                        | 100000                                                             | 56 U                                           | 73 J                                           | 66 J                                           | 57 U                                           | 2300 U                                         | 57 U                                           |
| Hexachlorobenzene                                               | 330                                                                | 53 U                                           | 55 U                                           | 59 U                                           | 54 U                                           | 2200 U                                         | 54 U                                           |
| Hexachlorobutadiene                                             | NS                                                                 | 51 U                                           | 53 U                                           | 56 U                                           | 52 U                                           | 2100 U                                         | 52 U                                           |
| Hexachlorocyclopentadiene                                       | NS                                                                 | 53 U                                           | 55 U                                           | 58 U                                           | 54 U                                           | 2200 U                                         | 54 U                                           |
| Hexachloroethane                                                | NS                                                                 | 56 U                                           | 58 U                                           | 62 U                                           | 57 U                                           | 2300 U                                         | 58 U                                           |
| Indeno(1,2,3-cd)pyrene                                          | 500                                                                | 42 U                                           | 210 J                                          | 520                                            | 310 J                                          | 1700 U                                         | 43 U                                           |
| Isophorone                                                      | NS                                                                 | 50 U                                           | 51 U                                           | 55 U                                           | 50 U                                           | 2000 U                                         | 51 U                                           |
| Naphthalene                                                     | 100000                                                             | 57 U                                           | 59 U                                           | 63 U                                           | 57 U                                           | 2300 U                                         | 58 U                                           |
| Nitrobenzene                                                    | NS                                                                 | 72 U                                           | 75 U                                           | 80 U                                           | 73 U                                           | 3000 U                                         | 74 U                                           |
| N-Nitroso-di-n-propylamine                                      | NS                                                                 | 55 U                                           | 57 U                                           | 61 U                                           | 56 U                                           | 2200 U                                         | 56 U                                           |
| N-Nitrosodiphenylamine                                          | NS                                                                 | 55 U                                           | 56 U                                           | 60 U                                           | 55 U                                           | 2200 U                                         | 56 U                                           |
| Pentachlorophenol                                               | 2400                                                               | 77 U                                           | 79 U                                           | 85 U                                           | 78 U                                           | 3100 U                                         | 79 U                                           |
| Phenanthrene                                                    | 100000                                                             | 53 U                                           | 930                                            | 880                                            | 380                                            | 2200 U                                         | 54 U                                           |
| Phenol                                                          | 100000                                                             | 50 U                                           | 52 U                                           | 55 U                                           | 51 U                                           | 2000 U                                         | 51 U                                           |
| Pyrene                                                          | 100000                                                             | 59 U                                           | 880                                            | 1300                                           | 1300                                           | 2400 U                                         | 60 U                                           |

**Table 2**  
**Rockefeller University**  
New York, NY  
Soil Analytical Results  
Semi-Volatile Organic Compounds (SVOCs)

| Dilution<br>Client ID<br>Date Sampled<br>Lab Sample ID<br>Units | NYSDEC Part 375<br>Soil Cleanup<br>Objectives<br>(Residential Use) | 1<br>B-7-2-4<br>5/24/2007<br>Y2881-09<br>ug/Kg | 1<br>B-8-3-5<br>5/24/2007<br>Y2881-08<br>ug/Kg | 1<br>B-9-2-4<br>5/24/2007<br>Y2881-06<br>ug/Kg | 1<br>B-10-2-4<br>5/24/2007<br>Y2881-05<br>ug/Kg | 1<br>B-11-2-4<br>5/24/2007<br>Y2881-07<br>ug/Kg | 1<br>B-12-5-7<br>5/24/2007<br>Y2881-01<br>ug/Kg |
|-----------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| <b>Compound</b>                                                 |                                                                    |                                                |                                                |                                                |                                                 |                                                 |                                                 |
| 1,1-Biphenyl                                                    | NS                                                                 | 63 U                                           | 67 U                                           | 69 U                                           | 310 U                                           | 64 U                                            | 67 U                                            |
| 2,2-oxybis(1-Chloropropane)                                     | NS                                                                 | 62 U                                           | 66 U                                           | 68 U                                           | 300 U                                           | 63 U                                            | 65 U                                            |
| 2,4,5-Trichlorophenol                                           | NS                                                                 | 58 U                                           | 62 U                                           | 64 U                                           | 290 U                                           | 59 U                                            | 62 U                                            |
| 2,4,6-Trichlorophenol                                           | NS                                                                 | 56 U                                           | 60 U                                           | 62 U                                           | 280 U                                           | 57 U                                            | 60 U                                            |
| 2,4-Dichlorophenol                                              | NS                                                                 | 71 U                                           | 75 U                                           | 78 U                                           | 350 U                                           | 72 U                                            | 75 U                                            |
| 2,4-Dimethylphenol                                              | NS                                                                 | 61 U                                           | 65 U                                           | 67 U                                           | 300 U                                           | 62 U                                            | 64 U                                            |
| 2,4-Dinitrophenol                                               | NS                                                                 | 330 U                                          | 350 U                                          | 360 U                                          | 1600 U                                          | 330 U                                           | 350 U                                           |
| 2,4-Dinitrotoluene                                              | NS                                                                 | 56 U                                           | 60 U                                           | 62 U                                           | 280 U                                           | 57 U                                            | 60 U                                            |
| 2,6-Dinitrotoluene                                              | NS                                                                 | 54 U                                           | 58 U                                           | 59 U                                           | 270 U                                           | 55 U                                            | 57 U                                            |
| 2-Chloronaphthalene                                             | NS                                                                 | 63 U                                           | 68 U                                           | 70 U                                           | 310 U                                           | 64 U                                            | 67 U                                            |
| 2-Chlorophenol                                                  | NS                                                                 | 61 U                                           | 65 U                                           | 67 U                                           | 300 U                                           | 62 U                                            | 65 U                                            |
| 2-Methylnaphthalene                                             | NS                                                                 | 64 U                                           | 68 U                                           | 70 U                                           | 320 U                                           | 65 U                                            | 68 U                                            |
| 2-Methylphenol                                                  | 100000                                                             | 64 U                                           | 68 U                                           | 70 U                                           | 310 U                                           | 65 U                                            | 68 U                                            |
| 2-Nitroaniline                                                  | NS                                                                 | 49 U                                           | 52 U                                           | 53 U                                           | 240 U                                           | 49 U                                            | 52 U                                            |
| 2-Nitrophenol                                                   | NS                                                                 | 59 U                                           | 63 U                                           | 65 U                                           | 290 U                                           | 60 U                                            | 63 U                                            |
| 3,3-Dichlorobenzidine                                           | NS                                                                 | 65 U                                           | 70 U                                           | 72 U                                           | 320 U                                           | 66 U                                            | 70 U                                            |
| 3+4-Methylphenols                                               | 34000                                                              | 60 U                                           | 64 U                                           | 66 U                                           | 300 U                                           | 61 U                                            | 64 U                                            |
| 3-Nitroaniline                                                  | NS                                                                 | 50 U                                           | 53 U                                           | 55 U                                           | 250 U                                           | 51 U                                            | 53 U                                            |
| 4,6-Dinitro-2-methylphenol                                      | NS                                                                 | 74 U                                           | 79 U                                           | 81 U                                           | 370 U                                           | 75 U                                            | 79 U                                            |
| 4-Bromophenyl-phenylether                                       | NS                                                                 | 57 U                                           | 61 U                                           | 63 U                                           | 280 U                                           | 58 U                                            | 61 U                                            |
| 4-Chloro-3-methylphenol                                         | NS                                                                 | 53 U                                           | 56 U                                           | 58 U                                           | 260 U                                           | 54 U                                            | 56 U                                            |
| 4-Chloroaniline                                                 | NS                                                                 | 46 U                                           | 49 U                                           | 50 U                                           | 230 U                                           | 46 U                                            | 48 U                                            |
| 4-Chlorophenyl-phenylether                                      | NS                                                                 | 60 U                                           | 64 U                                           | 66 U                                           | 300 U                                           | 61 U                                            | 64 U                                            |
| 4-Nitroaniline                                                  | NS                                                                 | 65 U                                           | 70 U                                           | 72 U                                           | 320 U                                           | 66 U                                            | 69 U                                            |
| 4-Nitrophenol                                                   | NS                                                                 | 47 U                                           | 50 U                                           | 52 U                                           | 230 U                                           | 48 U                                            | 50 U                                            |
| Acenaphthene                                                    | 100000                                                             | 68 U                                           | 140 J                                          | 75 U                                           | 340 U                                           | 120 J                                           | 72 U                                            |
| Acenaphthylene                                                  | 100000                                                             | 62 U                                           | 66 U                                           | 68 U                                           | 1500 J                                          | 63 U                                            | 66 U                                            |
| Acetophenone                                                    | NS                                                                 | 56 U                                           | 60 U                                           | 61 U                                           | 280 U                                           | 57 U                                            | 59 U                                            |
| Anthracene                                                      | 100000                                                             | 78 J                                           | 250 J                                          | 63 U                                           | 880 J                                           | 280 J                                           | 61 U                                            |
| Atrazine                                                        | NS                                                                 | 59 U                                           | 62 U                                           | 64 U                                           | 290 U                                           | 60 U                                            | 62 U                                            |
| Benzaldehyde                                                    | NS                                                                 | 78 U                                           | 84 U                                           | 86 U                                           | 390 U                                           | 80 U                                            | 83 U                                            |
| Benzo(a)anthracene                                              | 1000                                                               | 140 J                                          | 520                                            | 59 U                                           | 1900 J                                          | 1000                                            | 57 U                                            |
| Benzo(a)pyrene                                                  | 1000                                                               | 160 J                                          | 430                                            | 67 U                                           | 1800 J                                          | 980                                             | 65 U                                            |
| Benzo(b)fluoranthene                                            | 1000                                                               | 190 J                                          | 480                                            | 46 U                                           | 1800 J                                          | 1300                                            | 45 U                                            |
| Benzo(g,h,i)perylene                                            | 100000                                                             | 170 J                                          | 270 J                                          | 69 U                                           | 1200 J                                          | 630                                             | 67 U                                            |
| Benzo(k)fluoranthene                                            | 1000                                                               | 84 U                                           | 270 J                                          | 92 U                                           | 750 J                                           | 440                                             | 89 U                                            |
| bis(2-Chloroethoxy)methane                                      | NS                                                                 | 63 U                                           | 67 U                                           | 69 U                                           | 310 U                                           | 64 U                                            | 67 U                                            |
| bis(2-Chloroethyl)ether                                         | NS                                                                 | 60 U                                           | 64 U                                           | 66 U                                           | 300 U                                           | 61 U                                            | 64 U                                            |
| bis(2-Ethylhexyl)phthalate                                      | NS                                                                 | 73 U                                           | 78 U                                           | 81 U                                           | 360 U                                           | 82 J                                            | 78 U                                            |
| Butylbenzylphthalate                                            | NS                                                                 | 62 U                                           | 66 U                                           | 68 U                                           | 310 U                                           | 63 U                                            | 66 U                                            |
| Caprolactam                                                     | NS                                                                 | 61 U                                           | 66 U                                           | 68 U                                           | 300 U                                           | 62 U                                            | 65 U                                            |
| Carbazole                                                       | NS                                                                 | 58 U                                           | 110 J                                          | 64 U                                           | 290 U                                           | 130 J                                           | 62 U                                            |
| Chrysene                                                        | 1000                                                               | 130 J                                          | 480                                            | 75 U                                           | 1900                                            | 1000                                            | 73 U                                            |
| Dibenz(a,h)anthracene                                           | 330                                                                | 48 U                                           | 51 U                                           | 53 U                                           | 240 U                                           | 49 U                                            | 51 U                                            |
| Dibenzofuran                                                    | 14000                                                              | 63 U                                           | 67 U                                           | 69 U                                           | 310 U                                           | 64 U                                            | 67 U                                            |
| Diethylphthalate                                                | NS                                                                 | 66 U                                           | 70 U                                           | 72 U                                           | 330 U                                           | 67 U                                            | 70 U                                            |
| Dimethylphthalate                                               | NS                                                                 | 61 U                                           | 66 U                                           | 68 U                                           | 300 U                                           | 62 U                                            | 65 U                                            |
| Di-n-butylphthalate                                             | NS                                                                 | 58 U                                           | 62 U                                           | 64 U                                           | 290 U                                           | 59 U                                            | 62 U                                            |
| Di-n-octyl phthalate                                            | NS                                                                 | 65 U                                           | 69 U                                           | 71 U                                           | 320 U                                           | 66 U                                            | 69 U                                            |
| Fluoranthene                                                    | 100000                                                             | 370 J                                          | 1100                                           | 62 U                                           | 2400                                            | 2300                                            | 60 U                                            |
| Fluorene                                                        | 100000                                                             | 64 U                                           | 110 J                                          | 71 U                                           | 320 U                                           | 81 J                                            | 69 U                                            |
| Hexachlorobenzene                                               | 330                                                                | 61 U                                           | 65 U                                           | 67 U                                           | 300 U                                           | 62 U                                            | 65 U                                            |
| Hexachlorobutadiene                                             | NS                                                                 | 59 U                                           | 63 U                                           | 65 U                                           | 290 U                                           | 60 U                                            | 63 U                                            |
| Hexachlorocyclopentadiene                                       | NS                                                                 | 61 U                                           | 65 U                                           | 67 U                                           | 300 U                                           | 62 U                                            | 65 U                                            |
| Hexachloroethane                                                | NS                                                                 | 65 U                                           | 69 U                                           | 71 U                                           | 320 U                                           | 66 U                                            | 69 U                                            |
| Indeno(1,2,3-cd)pyrene                                          | 500                                                                | 160 J                                          | 240 J                                          | 53 U                                           | 1100 J                                          | 520                                             | 52 U                                            |
| Isophorone                                                      | NS                                                                 | 57 U                                           | 61 U                                           | 63 U                                           | 280 U                                           | 58 U                                            | 61 U                                            |
| Naphthalene                                                     | 100000                                                             | 65 U                                           | 70 U                                           | 72 U                                           | 320 U                                           | 66 U                                            | 69 U                                            |
| Nitrobenzene                                                    | NS                                                                 | 83 U                                           | 89 U                                           | 92 U                                           | 410 U                                           | 85 U                                            | 89 U                                            |
| N-Nitroso-di-n-propylamine                                      | NS                                                                 | 63 U                                           | 67 U                                           | 70 U                                           | 310 U                                           | 64 U                                            | 67 U                                            |
| N-Nitrosodiphenylamine                                          | NS                                                                 | 63 U                                           | 67 U                                           | 69 U                                           | 310 U                                           | 64 U                                            | 67 U                                            |
| Pentachlorophenol                                               | 2400                                                               | 89 U                                           | 94 U                                           | 97 U                                           | 440 U                                           | 90 U                                            | 94 U                                            |
| Phenanthrene                                                    | 100000                                                             | 260 J                                          | 910                                            | 67 U                                           | 1100 J                                          | 1300                                            | 65 U                                            |
| Phenol                                                          | 100000                                                             | 58 U                                           | 62 U                                           | 64 U                                           | 290 U                                           | 59 U                                            | 62 U                                            |
| Pyrene                                                          | 100000                                                             | 300 J                                          | 980                                            | 74 U                                           | 3900                                            | 2000                                            | 72 U                                            |



**Table 2**  
**Rockefeller University**

New York, NY

Soil Analytical Results

Semi-Volatile Organic Compounds (SVOCs)

| Dilution<br>Client ID<br>Date Sampled<br>Lab Sample ID<br>Units | NYSDEC Part 375<br>Soil Cleanup<br>Objectives<br>(Residential Use) | 1<br>B-12-13-15<br>5/24/2007<br>Y2881-02<br>ug/Kg | 1<br>B-13-6-8<br>5/24/2007<br>Y2881-03<br>ug/Kg | 1<br>B-13-10-12<br>5/24/2007<br>Y2881-04<br>ug/Kg | 1<br>B-14-3-5<br>5/24/2007<br>Y2881-10<br>ug/Kg |
|-----------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------|---------------------------------------------------|-------------------------------------------------|
| Compound                                                        |                                                                    |                                                   |                                                 |                                                   |                                                 |
| 1,1-Biphenyl                                                    | NS                                                                 | 66 U                                              | 64 U                                            | 67 U                                              | 68 U                                            |
| 2,2-oxybis(1-Chloropropane)                                     | NS                                                                 | 65 U                                              | 62 U                                            | 65 U                                              | 66 U                                            |
| 2,4,5-Trichlorophenol                                           | NS                                                                 | 61 U                                              | 59 U                                            | 62 U                                              | 63 U                                            |
| 2,4,6-Trichlorophenol                                           | NS                                                                 | 59 U                                              | 57 U                                            | 59 U                                              | 60 U                                            |
| 2,4-Dichlorophenol                                              | NS                                                                 | 74 U                                              | 71 U                                            | 75 U                                              | 76 U                                            |
| 2,4-Dimethylphenol                                              | NS                                                                 | 64 U                                              | 61 U                                            | 64 U                                              | 65 U                                            |
| 2,4-Dinitrophenol                                               | NS                                                                 | 340 U                                             | 330 U                                           | 350 U                                             | 350 U                                           |
| 2,4-Dinitrotoluene                                              | NS                                                                 | 59 U                                              | 57 U                                            | 59 U                                              | 60 U                                            |
| 2,6-Dinitrotoluene                                              | NS                                                                 | 57 U                                              | 55 U                                            | 57 U                                              | 58 U                                            |
| 2-Chloronaphthalene                                             | NS                                                                 | 67 U                                              | 64 U                                            | 67 U                                              | 68 U                                            |
| 2-Chlorophenol                                                  | NS                                                                 | 64 U                                              | 62 U                                            | 65 U                                              | 66 U                                            |
| 2-Methylnaphthalene                                             | NS                                                                 | 67 U                                              | 65 U                                            | 68 U                                              | 69 U                                            |
| 2-Methylphenol                                                  | 100000                                                             | 67 U                                              | 64 U                                            | 67 U                                              | 68 U                                            |
| 2-Nitroaniline                                                  | NS                                                                 | 51 U                                              | 49 U                                            | 51 U                                              | 52 U                                            |
| 2-Nitrophenol                                                   | NS                                                                 | 62 U                                              | 59 U                                            | 62 U                                              | 63 U                                            |
| 3,3-Dichlorobenzidine                                           | NS                                                                 | 69 U                                              | 66 U                                            | 69 U                                              | 70 U                                            |
| 3+4-Methylphenols                                               | 34000                                                              | 63 U                                              | 61 U                                            | 64 U                                              | 65 U                                            |
| 3-Nitroaniline                                                  | NS                                                                 | 52 U                                              | 50 U                                            | 53 U                                              | 54 U                                            |
| 4,6-Dinitro-2-methylphenol                                      | NS                                                                 | 78 U                                              | 75 U                                            | 79 U                                              | 80 U                                            |
| 4-Bromophenyl-phenylether                                       | NS                                                                 | 60 U                                              | 58 U                                            | 60 U                                              | 61 U                                            |
| 4-Chloro-3-methylphenol                                         | NS                                                                 | 55 U                                              | 53 U                                            | 56 U                                              | 57 U                                            |
| 4-Chloroaniline                                                 | NS                                                                 | 48 U                                              | 46 U                                            | 48 U                                              | 49 U                                            |
| 4-Chlorophenyl-phenylether                                      | NS                                                                 | 63 U                                              | 61 U                                            | 64 U                                              | 65 U                                            |
| 4-Nitroaniline                                                  | NS                                                                 | 69 U                                              | 66 U                                            | 69 U                                              | 70 U                                            |
| 4-Nitrophenol                                                   | NS                                                                 | 50 U                                              | 48 U                                            | 50 U                                              | 51 U                                            |
| Acenaphthene                                                    | 100000                                                             | 71 U                                              | 69 U                                            | 72 U                                              | 73 U                                            |
| Acenaphthylene                                                  | 100000                                                             | 65 U                                              | 63 U                                            | 66 U                                              | 67 U                                            |
| Acetophenone                                                    | NS                                                                 | 59 U                                              | 57 U                                            | 59 U                                              | 60 U                                            |
| Anthracene                                                      | 100000                                                             | 61 U                                              | 58 U                                            | 61 U                                              | 62 U                                            |
| Atrazine                                                        | NS                                                                 | 62 U                                              | 59 U                                            | 62 U                                              | 63 U                                            |
| Benzaldehyde                                                    | NS                                                                 | 82 U                                              | 79 U                                            | 83 U                                              | 84 U                                            |
| Benzo(a)anthracene                                              | 1000                                                               | 56 U                                              | 54 U                                            | 57 U                                              | 80 J                                            |
| Benzo(a)pyrene                                                  | 1000                                                               | 64 U                                              | 62 U                                            | 65 U                                              | 77 J                                            |
| Benzo(b)fluoranthene                                            | 1000                                                               | 44 U                                              | 43 U                                            | 45 U                                              | 65 J                                            |
| Benzo(g,h,i)perylene                                            | 100000                                                             | 66 U                                              | 64 U                                            | 67 U                                              | 68 U                                            |
| Benzo(k)fluoranthene                                            | 1000                                                               | 88 U                                              | 85 U                                            | 89 U                                              | 91 U                                            |
| bis(2-Chloroethoxy)methane                                      | NS                                                                 | 66 U                                              | 64 U                                            | 67 U                                              | 68 U                                            |
| bis(2-Chloroethyl)ether                                         | NS                                                                 | 63 U                                              | 61 U                                            | 64 U                                              | 65 U                                            |
| bis(2-Ethylhexyl)phthalate                                      | NS                                                                 | 77 U                                              | 84 J                                            | 78 U                                              | 79 U                                            |
| Butylbenzylphthalate                                            | NS                                                                 | 65 U                                              | 62 U                                            | 65 U                                              | 67 U                                            |
| Caprolactam                                                     | NS                                                                 | 65 U                                              | 62 U                                            | 65 U                                              | 66 U                                            |
| Carbazole                                                       | NS                                                                 | 61 U                                              | 59 U                                            | 62 U                                              | 63 U                                            |
| Chrysene                                                        | 1000                                                               | 72 U                                              | 69 U                                            | 73 U                                              | 77 J                                            |
| Dibenz(a,h)anthracene                                           | 330                                                                | 50 U                                              | 48 U                                            | 51 U                                              | 52 U                                            |
| Dibenzofuran                                                    | 14000                                                              | 66 U                                              | 64 U                                            | 67 U                                              | 68 U                                            |
| Diethylphthalate                                                | NS                                                                 | 69 U                                              | 67 U                                            | 70 U                                              | 71 U                                            |
| Dimethylphthalate                                               | NS                                                                 | 65 U                                              | 62 U                                            | 65 U                                              | 66 U                                            |
| Di-n-butylphthalate                                             | NS                                                                 | 61 U                                              | 59 U                                            | 62 U                                              | 63 U                                            |
| Di-n-octyl phthalate                                            | NS                                                                 | 68 U                                              | 66 U                                            | 69 U                                              | 70 U                                            |
| Fluoranthene                                                    | 100000                                                             | 60 U                                              | 57 U                                            | 60 U                                              | 160 J                                           |
| Fluorene                                                        | 100000                                                             | 68 U                                              | 65 U                                            | 68 U                                              | 69 U                                            |
| Hexachlorobenzene                                               | 330                                                                | 64 U                                              | 62 U                                            | 65 U                                              | 66 U                                            |
| Hexachlorobutadiene                                             | NS                                                                 | 62 U                                              | 59 U                                            | 62 U                                              | 63 U                                            |
| Hexachlorocyclopentadiene                                       | NS                                                                 | 64 U                                              | 62 U                                            | 65 U                                              | 66 U                                            |
| Hexachloroethane                                                | NS                                                                 | 68 U                                              | 66 U                                            | 69 U                                              | 70 U                                            |
| Indeno(1,2,3-cd)pyrene                                          | 500                                                                | 51 U                                              | 49 U                                            | 51 U                                              | 52 U                                            |
| Isophorone                                                      | NS                                                                 | 60 U                                              | 58 U                                            | 61 U                                              | 62 U                                            |
| Naphthalene                                                     | 100000                                                             | 69 U                                              | 66 U                                            | 69 U                                              | 70 U                                            |
| Nitrobenzene                                                    | NS                                                                 | 88 U                                              | 84 U                                            | 88 U                                              | 90 U                                            |
| N-Nitroso-di-n-propylamine                                      | NS                                                                 | 66 U                                              | 64 U                                            | 67 U                                              | 68 U                                            |
| N-Nitrosodiphenylamine                                          | NS                                                                 | 66 U                                              | 64 U                                            | 67 U                                              | 68 U                                            |
| Pentachlorophenol                                               | 2400                                                               | 93 U                                              | 89 U                                            | 94 U                                              | 95 U                                            |
| Phenanthrene                                                    | 100000                                                             | 64 U                                              | 62 U                                            | 65 U                                              | 87 J                                            |
| Phenol                                                          | 100000                                                             | 61 U                                              | 59 U                                            | 61 U                                              | 62 U                                            |
| Pyrene                                                          | 100000                                                             | 71 U                                              | 68 U                                            | 72 U                                              | 160 J                                           |

**Table 3**  
**Rockefeller University**  
New York, New York  
Soil Analytical Results  
Metals

| Dilution<br>Client ID<br>Date Sampled<br>Lab Sample ID<br>Units | NYSDEC Part 375<br>Soil Cleanup<br>Objectives<br>(Residential Use) | 1<br>B-1-2-4<br>5/23/2007<br>Y2852-01<br>mg/Kg | 1<br>B-2-3-4<br>5/23/2007<br>Y2852-02<br>mg/Kg | 1<br>B-3-2-3<br>5/23/2007<br>Y2852-03<br>mg/Kg | 1<br>B-4-1-2<br>5/23/2007<br>Y2852-09<br>mg/Kg | 10<br>B-4-1-2DL<br>5/23/2007<br>Y2852-09DL<br>mg/Kg | 1<br>B-5-1-2<br>5/23/2007<br>Y2852-08<br>mg/Kg | 1<br>B-6-3-4<br>5/23/2007<br>Y2852-04<br>mg/Kg | 10<br>B-6-3-4DL<br>5/23/2007<br>Y2852-04DL<br>mg/Kg | 1<br>B-7-2-4<br>5/24/2007<br>Y2881-09<br>mg/Kg |
|-----------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|-----------------------------------------------------|------------------------------------------------|------------------------------------------------|-----------------------------------------------------|------------------------------------------------|
| Compound                                                        |                                                                    |                                                |                                                |                                                |                                                |                                                     |                                                |                                                |                                                     |                                                |
| Aluminum                                                        | NS                                                                 | 6830                                           | 5240                                           | 16000                                          | 18800                                          | 21500                                               | 14200                                          | 20700                                          | 23200                                               | 9520                                           |
| Antimony                                                        | NS                                                                 | 0.34 U                                         | 0.355 U                                        | 0.377 U                                        | 0.347 U                                        | 3.470 U                                             | 0.350 U                                        | 0.345 U                                        | 3.450 U                                             | 0.394 U                                        |
| Arsenic                                                         | 16                                                                 | 60 U                                           | 4.080                                          | 0.222 U                                        | 0.204 U                                        | 2.040 U                                             | 0.206 U                                        | 0.203 U                                        | 2.030 U                                             | 1.710                                          |
| Barium                                                          | 350                                                                | 75.3                                           | 16.2                                           | 252                                            | 231                                            | 247                                                 | 138                                            | 167                                            | 172                                                 | 34.2                                           |
| Beryllium                                                       | 14                                                                 | 0.145 J                                        | 0.177 J                                        | 0.351                                          | 0.363                                          | 0.194 J                                             | 0.226 J                                        | 0.847                                          | 0.650 J                                             | 0.319 J                                        |
| Cadmium                                                         | 2.5                                                                | 0.06 U                                         | 0.063 U                                        | 0.067 U                                        | 0.074 J                                        | 0.613 U                                             | 0.062 U                                        | 0.143 J                                        | 0.609 U                                             | 0.069 U                                        |
| Calcium                                                         | NS                                                                 | 1100                                           | 423                                            | 12500                                          | 13200                                          | 16500                                               | 3720                                           | 2040                                           | 2460                                                | 943                                            |
| Chromium                                                        | 22                                                                 | 16.2                                           | 12.7                                           | 38.2                                           | 41.0                                           | 47.2                                                | 33.6                                           | 48.8                                           | 53.2                                                | 14.0                                           |
| Cobalt                                                          | NS                                                                 | 17.1                                           | 1.690                                          | 18.1                                           | 23.5                                           | 24.7                                                | 14.2                                           | 21.3                                           | 18.9                                                | 5.450                                          |
| Copper                                                          | 270                                                                | 67.4                                           | 4.230                                          | 53.3                                           | 50.6                                           | 49.9                                                | 34.5                                           | 113                                            | 114                                                 | 10.3                                           |
| Iron                                                            | NS                                                                 | 16300                                          | 9700                                           | 24900                                          | 29500                                          | 35500                                               | 21600                                          | 52000                                          | 60800                                               | 18200                                          |
| Lead                                                            | 400                                                                | 2.11                                           | 8.580                                          | 453                                            | 6.340                                          | 3.400 J                                             | 10.3                                           | 6.920                                          | 6.550                                               | 23.8                                           |
| Magnesium                                                       | NS                                                                 | 3970                                           | 504                                            | 8870                                           | 9810                                           | 12400                                               | 8350                                           | 10700                                          | 13100                                               | 1910                                           |
| Manganese                                                       | 2000                                                               | 111                                            | 48.9                                           | 321                                            | 286                                            | 337                                                 | 285                                            | 239                                            | 271                                                 | 241                                            |
| Mercury                                                         | 0.81                                                               | 0.007 J                                        | 0.110                                          | 0.287                                          | 0.016                                          |                                                     | 0.020                                          | 0.080                                          |                                                     | 0.035                                          |
| Nickel                                                          | 140                                                                | 41.5                                           | 9.040                                          | 35.6                                           | 40.8                                           | 47.0                                                | 27.1                                           | 46.3                                           | 49.1                                                | 9.870                                          |
| Potassium                                                       | NS                                                                 | 5480                                           | 310                                            | 11100                                          | 13145.08 OR                                    | 11900                                               | 9230                                           | 12516.85 OR                                    | 11100                                               | 1550                                           |
| Selenium                                                        | 36                                                                 | 0.578 J                                        | 0.188 U                                        | 0.200 U                                        | 0.184 U                                        | 1.840 U                                             | 0.185 U                                        | 1.240                                          | 1.830 U                                             | 0.208 U                                        |
| Silver                                                          | 36                                                                 | 0.18 U                                         | 0.188 U                                        | 0.200 U                                        | 2.120                                          | 1.840 U                                             | 0.185 U                                        | 0.183 U                                        | 1.830 U                                             | 0.208 U                                        |
| Sodium                                                          | NS                                                                 | 46 J                                           | 204                                            | 32.1 U                                         | 117                                            | 295 U                                               | 31.9 J                                         | 29.3 U                                         | 293 U                                               | 96.8 J                                         |
| Thallium                                                        | NS                                                                 | 1.89 U                                         | 1.970 U                                        | 2.100 U                                        | 1.930 U                                        | 19.3 U                                              | 1.950 U                                        | 1.920 U                                        | 19.2 U                                              | 2.190 U                                        |
| Vanadium                                                        | NS                                                                 | 40                                             | 14.9                                           | 61.0                                           | 57.7                                           | 62.9                                                | 61.9                                           | 62.5                                           | 64.4                                                | 24.7                                           |
| Zinc                                                            | 2200                                                               | 53.7                                           | 15.8                                           | 152                                            | 96.4                                           | 118                                                 | 82.9                                           | 86.6                                           | 103                                                 | 144                                            |

**Table 3**  
**Rockefeller University**  
New York, New York  
Soil Analytical Results  
Metals

| Dilution<br>Client ID<br>Date Sampled<br>Lab Sample ID<br>Units | NYSDEC Part 375<br>Soil Cleanup<br>Objectives<br>(Residential Use) | 1<br>B-8-3-5<br>5/24/2007<br>Y2881-08<br>mg/Kg | 1<br>B-9-2-4<br>5/24/2007<br>Y2881-06<br>mg/Kg | 1<br>B-10-2-4<br>5/24/2007<br>Y2881-05<br>mg/Kg | 1<br>B-11-2-4<br>5/24/2007<br>Y2881-07<br>mg/Kg | 1<br>B-12-5-7<br>5/24/2007<br>Y2881-01<br>mg/Kg | 1<br>B-12-13-15<br>5/24/2007<br>Y2881-02<br>mg/Kg | 1<br>B-13-6-8<br>5/24/2007<br>Y2881-03<br>mg/Kg | 1<br>B-13-10-12<br>5/24/2007<br>Y2881-04<br>mg/Kg | 1<br>B-14-3-5<br>5/24/2007<br>Y2881-10<br>mg/Kg |
|-----------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|---------------------------------------------------|-------------------------------------------------|---------------------------------------------------|-------------------------------------------------|
| Compound                                                        |                                                                    |                                                |                                                |                                                 |                                                 |                                                 |                                                   |                                                 |                                                   |                                                 |
| Aluminum                                                        | NS                                                                 | 7900                                           | 8650                                           | 9910                                            | 11500                                           | 8980                                            | 9080                                              | 13000                                           | 12000                                             | 7050                                            |
| Antimony                                                        | NS                                                                 | 0.422 U                                        | 0.431 U                                        | 0.382 U                                         | 0.400 U                                         | 0.422 U                                         | 0.415 U                                           | 0.400 U                                         | 0.419 U                                           | 0.423 U                                         |
| Arsenic                                                         | 16                                                                 | 2.950                                          | 3.470                                          | 4.270                                           | 9.260                                           | 0.248 U                                         | 0.244 U                                           | 0.236 U                                         | 0.247 U                                           | 2.610                                           |
| Barium                                                          | 350                                                                | 71.7                                           | 56.3                                           | 52.6                                            | 106                                             | 76.6                                            | 91.3                                              | 104                                             | 134                                               | 61.5                                            |
| Beryllium                                                       | 14                                                                 | 0.307 J                                        | 0.298 J                                        | 0.358                                           | 0.493                                           | 0.406                                           | 0.378                                             | 0.484                                           | 0.497                                             | 0.326 J                                         |
| Cadmium                                                         | 2.5                                                                | 0.075 U                                        | 0.076 U                                        | 0.067 U                                         | 0.071 U                                         | 0.075 U                                         | 0.073 U                                           | 0.071 U                                         | 0.074 U                                           | 0.075 U                                         |
| Calcium                                                         | NS                                                                 | 10900                                          | 4940                                           | 3740                                            | 10100                                           | 1450                                            | 1170                                              | 985                                             | 1060                                              | 18900                                           |
| Chromium                                                        | 22                                                                 | 12.8                                           | 13.5                                           | 14.9                                            | 18.3                                            | 22.4                                            | 19.7                                              | 20.6                                            | 21.6                                              | 12.4                                            |
| Cobalt                                                          | NS                                                                 | 5.500                                          | 5.200                                          | 6.260                                           | 8.540                                           | 10.1                                            | 12.9                                              | 14.9                                            | 14.7                                              | 5.740                                           |
| Copper                                                          | 270                                                                | 21.6                                           | 15.0                                           | 18.2                                            | 36.3                                            | 24.6                                            | 35.8                                              | 35.2                                            | 40.4                                              | 15.8                                            |
| Iron                                                            | NS                                                                 | 13100                                          | 13400                                          | 14700                                           | 18500                                           | 17300                                           | 22500                                             | 24000                                           | 22800                                             | 12700                                           |
| Lead                                                            | 400                                                                | 170                                            | 82.4                                           | 105                                             | 194                                             | 15.0                                            | 10.1                                              | 8.740                                           | 5.130                                             | 82.4                                            |
| Magnesium                                                       | NS                                                                 | 3450                                           | 1990                                           | 3220                                            | 3250                                            | 4090                                            | 3460                                              | 3400                                            | 4810                                              | 4310                                            |
| Manganese                                                       | 2000                                                               | 220                                            | 259                                            | 232                                             | 428                                             | 274                                             | 494                                               | 1050                                            | 361                                               | 312                                             |
| Mercury                                                         | 0.81                                                               | 0.390                                          | 0.105                                          | 0.187                                           | 0.583                                           | 0.116                                           | 0.004 U                                           | 0.004 U                                         | 0.004 U                                           | 0.124                                           |
| Nickel                                                          | 140                                                                | 12.5                                           | 10.1                                           | 11.6                                            | 17.4                                            | 17.4                                            | 24.6                                              | 25.2                                            | 20.1                                              | 12.4                                            |
| Potassium                                                       | NS                                                                 | 1390                                           | 1190                                           | 1010                                            | 1450                                            | 3400                                            | 3830                                              | 3690                                            | 6580                                              | 1570                                            |
| Selenium                                                        | 36                                                                 | 0.224 U                                        | 0.228 U                                        | 0.202 U                                         | 0.212 U                                         | 0.224 U                                         | 0.220 U                                           | 0.212 U                                         | 0.222 U                                           | 0.224 U                                         |
| Silver                                                          | 36                                                                 | 0.224 U                                        | 0.228 U                                        | 0.202 U                                         | 0.212 U                                         | 0.224 U                                         | 0.220 U                                           | 0.212 U                                         | 0.222 U                                           | 0.224 U                                         |
| Sodium                                                          | NS                                                                 | 351                                            | 71.7 J                                         | 37.6 J                                          | 206                                             | 71.9 J                                          | 35.2 U                                            | 59.1 J                                          | 35.6 U                                            | 234                                             |
| Thallium                                                        | NS                                                                 | 2.350 U                                        | 2.400 U                                        | 2.120 U                                         | 2.220 U                                         | 2.350 U                                         | 2.300 U                                           | 2.230 U                                         | 2.330 U                                           | 2.350 U                                         |
| Vanadium                                                        | NS                                                                 | 18.4                                           | 25.5                                           | 24.7                                            | 27.2                                            | 30.3                                            | 31.5                                              | 35.0                                            | 37.8                                              | 19.6                                            |
| Zinc                                                            | 2200                                                               | 101                                            | 61.4                                           | 90.4                                            | 117                                             | 46.1                                            | 59.9                                              | 56.5                                            | 57.3                                              | 72.8                                            |

**Table 4**  
**Rockefeller University**  
New York, NY  
Soil Analytical Results  
Polychlorinated Biphenyls (PCBs) and Pesticides

| Dilution<br>Client ID<br>Date Sampled<br>Lab Sample ID<br>Units | NYSDEC Part 375<br>Soil Cleanup<br>Objectives<br>(Residential Use) | 1<br>B-1-2-4<br>05/23/07<br>Y2852-01<br>ug/Kg | 1<br>B-2-3-4<br>05/23/07<br>Y2852-02<br>ug/Kg | 1<br>B-3-2-3<br>05/23/07<br>Y2852-03<br>ug/Kg | 1<br>B-4-1-2<br>05/23/07<br>Y2852-09<br>ug/Kg | 1<br>B-5-1-2<br>05/23/07<br>Y2852-08<br>ug/Kg | 1<br>B-6-3-4<br>05/23/07<br>Y2852-04<br>ug/Kg | 1<br>B-7-2-4<br>05/24/07<br>Y2881-09<br>ug/Kg | 1<br>B-8-3-5<br>05/24/07<br>Y2881-08<br>ug/Kg |
|-----------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| <b>Pesticides</b>                                               |                                                                    |                                               |                                               |                                               |                                               |                                               |                                               |                                               |                                               |
| 4,4-DDD                                                         | 2600                                                               | 0.70 U                                        | 0.72 U                                        | 0.78 U                                        | 0.71 U                                        | 0.71 U                                        | 0.72 U                                        | 0.81 U                                        | 0.85 U                                        |
| 4,4-DDE                                                         | 1800                                                               | 0.78 U                                        | 0.81 U                                        | 0.87 U                                        | 0.80 U                                        | 5.0                                           | 0.81 U                                        | 0.91 U                                        | 2.2                                           |
| 4,4-DDT                                                         | 1700                                                               | 0.72 U                                        | 0.74 U                                        | 0.80 U                                        | 0.73 U                                        | 0.73 U                                        | 0.74 U                                        | 0.83 U                                        | 4.1                                           |
| Aldrin                                                          | 19                                                                 | 1.2 U                                         | 1.3 U                                         | 1.4 U                                         | 1.2 U                                         | 1.2 U                                         | 1.3 U                                         | 1.4 U                                         | 1.5 U                                         |
| alpha-BHC                                                       | 97                                                                 | 0.64 U                                        | 0.66 U                                        | 0.71 U                                        | 0.65 U                                        | 0.65 U                                        | 0.65 U                                        | 0.74 U                                        | 0.78 U                                        |
| alpha-Chlordane                                                 | 910                                                                | 0.83 U                                        | 0.86 U                                        | 0.92 U                                        | 0.85 U                                        | 0.84 U                                        | 0.86 U                                        | 0.97 U                                        | 2.3 P                                         |
| beta-BHC                                                        | 72                                                                 | 0.87 U                                        | 0.90 U                                        | 0.97 U                                        | 0.89 U                                        | 0.88 U                                        | 0.90 U                                        | 1.0 U                                         | 1.1 U                                         |
| delta-BHC                                                       | 100000                                                             | 1.6 U                                         | 1.7 U                                         | 1.8 U                                         | 1.7 U                                         | 1.6 U                                         | 1.7 U                                         | 1.9 U                                         | 2.0 U                                         |
| Dieldrin                                                        | 39                                                                 | 0.82 U                                        | 0.85 U                                        | 0.91 U                                        | 0.84 U                                        | 0.83 U                                        | 0.85 U                                        | 0.95 U                                        | 1.0 U                                         |
| Endosulfan I                                                    | 4800                                                               | 0.88 U                                        | 0.91 U                                        | 0.97 U                                        | 0.89 U                                        | 0.89 U                                        | 0.90 U                                        | 1.0 U                                         | 1.1 U                                         |
| Endosulfan II                                                   | 4800                                                               | 0.94 U                                        | 0.97 U                                        | 1.0 U                                         | 0.96 U                                        | 0.95 U                                        | 0.97 U                                        | 1.1 U                                         | 1.1 U                                         |
| Endosulfan Sulfate                                              | 4800                                                               | 1.1 U                                         | 1.1 U                                         | 1.2 U                                         | 1.1 U                                         | 1.1 U                                         | 1.1 U                                         | 1.2 U                                         | 1.3 U                                         |
| Endrin                                                          | 2200                                                               | 0.85 U                                        | 0.88 U                                        | 0.94 U                                        | 0.87 U                                        | 0.86 U                                        | 0.87 U                                        | 0.98 U                                        | 1.0 U                                         |
| Endrin aldehyde                                                 | NS                                                                 | 1.0 U                                         | 1.0 U                                         | 1.1 U                                         | 1.0 U                                         | 1.0 U                                         | 1.0 U                                         | 1.2 U                                         | 1.2 U                                         |
| Endrin ketone                                                   | NS                                                                 | 0.82 U                                        | 0.85 U                                        | 0.91 U                                        | 0.84 U                                        | 0.83 U                                        | 0.84 U                                        | 0.95 U                                        | 1.0 U                                         |
| gamma-BHC                                                       | 280                                                                | 0.72 U                                        | 0.74 U                                        | 0.79 U                                        | 0.73 U                                        | 0.73 U                                        | 0.74 U                                        | 0.83 U                                        | 0.87 U                                        |
| gamma-Chlordane                                                 | NS                                                                 | 0.87 U                                        | 0.90 U                                        | 0.96 U                                        | 0.89 U                                        | 0.88 U                                        | 0.89 U                                        | 1.0 U                                         | 1.1 U                                         |
| Heptachlor                                                      | 420                                                                | 0.93 U                                        | 0.96 U                                        | 1.0 U                                         | 0.94 U                                        | 0.94 U                                        | 0.95 U                                        | 1.1 U                                         | 1.1 U                                         |
| Heptachlor epoxide                                              | NS                                                                 | 1.1 U                                         | 1.1 U                                         | 1.2 U                                         | 1.1 U                                         | 1.1 U                                         | 1.1 U                                         | 1.2 U                                         | 1.3 U                                         |
| Methoxychlor                                                    | NS                                                                 | 0.86 U                                        | 0.89 U                                        | 0.95 U                                        | 0.87 U                                        | 0.87 U                                        | 0.88 U                                        | 1.0 U                                         | 1.0 U                                         |
| Toxaphene                                                       | NS                                                                 | 3.6 U                                         | 3.7 U                                         | 4.0 U                                         | 3.6 U                                         | 3.6 U                                         | 3.7 U                                         | 4.1 U                                         | 4.3 U                                         |
| <b>Polychlorinated Biphenyls (PCBs)</b>                         |                                                                    |                                               |                                               |                                               |                                               |                                               |                                               |                                               |                                               |
| Aroclor-1016                                                    | 1000                                                               | 2.5 U                                         | 2.6 U                                         | 2.8 U                                         | 2.5 U                                         | 2.6 U                                         | 2.6 U                                         | 2.9 U                                         | 3.1 U                                         |
| Aroclor-1221                                                    | 1000                                                               | 4.0 U                                         | 4.1 U                                         | 4.3 U                                         | 3.9 U                                         | 4.0 U                                         | 4.0 U                                         | 4.6 U                                         | 4.8 U                                         |
| Aroclor-1232                                                    | 1000                                                               | 5.9 U                                         | 6.1 U                                         | 6.4 U                                         | 5.9 U                                         | 6.0 U                                         | 6.0 U                                         | 6.8 U                                         | 7.1 U                                         |
| Aroclor-1242                                                    | 1000                                                               | 5.3 U                                         | 5.4 U                                         | 5.7 U                                         | 5.2 U                                         | 5.4 U                                         | 5.4 U                                         | 6.1 U                                         | 6.4 U                                         |
| Aroclor-1248                                                    | 1000                                                               | 2.6 U                                         | 2.6 U                                         | 2.8 U                                         | 2.5 U                                         | 2.6 U                                         | 2.6 U                                         | 3.0 U                                         | 3.1 U                                         |
| Aroclor-1254                                                    | 1000                                                               | 1.7 U                                         | 1.7 U                                         | 1.8 U                                         | 1.7 U                                         | 1.7 U                                         | 1.7 U                                         | 1.9 U                                         | 2.0 U                                         |
| Aroclor-1260                                                    | 1000                                                               | 4.2 U                                         | 4.4 U                                         | 4.6 U                                         | 4.2 U                                         | 4.3 U                                         | 4.3 U                                         | 4.9 U                                         | 5.1 U                                         |

**Table 4**  
**Rockefeller University**  
New York, NY  
Soil Analytical Results  
*Polychlorinated Biphenyls (PCBs) and Pesticides*

| Dilution<br>Client ID<br>Date Sampled<br>Lab Sample ID<br>Units | NYSDEC Part 375<br>Soil Cleanup<br>Objectives<br>(Residential Use) | 1<br>B-9-2-4<br>05/24/07<br>Y2881-06<br>ug/Kg | 1<br>B-10-2-4<br>05/24/07<br>Y2881-05<br>ug/Kg | 1<br>B-11-2-4<br>05/24/07<br>Y2881-07<br>ug/Kg | 1<br>B-12-5-7<br>05/24/07<br>Y2881-01<br>ug/Kg | 1<br>B-12-13-15<br>05/24/07<br>Y2881-02<br>ug/Kg | 1<br>B-13-6-8<br>05/24/07<br>Y2881-03<br>ug/Kg | 1<br>B-13-10-12<br>05/24/07<br>Y2881-04<br>ug/Kg | 1<br>B-14-3-5<br>05/24/07<br>Y2881-10<br>ug/Kg |
|-----------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|--------------------------------------------------|------------------------------------------------|--------------------------------------------------|------------------------------------------------|
| <i>Pesticides</i>                                               |                                                                    |                                               |                                                |                                                |                                                |                                                  |                                                |                                                  |                                                |
| 4,4-DDD                                                         | 2600                                                               | 0.89 U                                        | 0.80 U                                         | 0.81 U                                         | 0.85 U                                         | 0.84 U                                           | 0.82 U                                         | 0.86 U                                           | 0.87 U                                         |
| 4,4-DDE                                                         | 1800                                                               | 1.0 U                                         | 0.90 U                                         | 0.91 U                                         | 0.95 U                                         | 0.94 U                                           | 0.92 U                                         | 0.96 U                                           | 0.98 U                                         |
| 4,4-DDT                                                         | 1700                                                               | 0.91 U                                        | 2.6                                            | 0.84 U                                         | 0.87 U                                         | 0.86 U                                           | 0.84 U                                         | 0.88 U                                           | 0.90 U                                         |
| Aldrin                                                          | 19                                                                 | 1.6 U                                         | 1.4 U                                          | 1.4 U                                          | 1.5 U                                          | 1.5 U                                            | 1.4 U                                          | 1.5 U                                            | 1.5 U                                          |
| alpha-BHC                                                       | 97                                                                 | 0.81 U                                        | 0.73 U                                         | 0.74 U                                         | 0.77 U                                         | 0.76 U                                           | 0.75 U                                         | 0.78 U                                           | 0.80 U                                         |
| alpha-Chlordane                                                 | 910                                                                | 1.1 U                                         | 2.7 P                                          | 0.97 U                                         | 1.0 U                                          | 1.0 U                                            | 0.98 U                                         | 1.0 U                                            | 1.0 U                                          |
| beta-BHC                                                        | 72                                                                 | 1.1 U                                         | 1.0 U                                          | 1.0 U                                          | 1.1 U                                          | 1.0 U                                            | 1.0 U                                          | 1.1 U                                            | 1.1 U                                          |
| delta-BHC                                                       | 100000                                                             | 2.1 U                                         | 1.9 U                                          | 1.9 U                                          | 2.0 U                                          | 1.9 U                                            | 1.9 U                                          | 2.0 U                                            | 2.0 U                                          |
| Dieldrin                                                        | 39                                                                 | 1.0 U                                         | 0.95 U                                         | 0.96 U                                         | 1.0 U                                          | 0.98 U                                           | 0.96 U                                         | 1.0 U                                            | 1.0 U                                          |
| Endosulfan I                                                    | 4800                                                               | 1.1 U                                         | 1.0 U                                          | 1.0 U                                          | 1.1 U                                          | 1.0 U                                            | 1.0 U                                          | 1.1 U                                            | 1.1 U                                          |
| Endosulfan II                                                   | 4800                                                               | 1.2 U                                         | 1.1 U                                          | 1.1 U                                          | 1.1 U                                          | 1.1 U                                            | 1.1 U                                          | 1.2 U                                            | 1.2 U                                          |
| Endosulfan Sulfate                                              | 4800                                                               | 1.4 U                                         | 1.2 U                                          | 1.3 U                                          | 1.3 U                                          | 1.3 U                                            | 1.3 U                                          | 1.3 U                                            | 1.3 U                                          |
| Endrin                                                          | 2200                                                               | 1.1 U                                         | 0.97 U                                         | 0.99 U                                         | 1.0 U                                          | 1.0 U                                            | 0.99 U                                         | 1.0 U                                            | 1.1 U                                          |
| Endrin aldehyde                                                 | NS                                                                 | 1.3 U                                         | 1.1 U                                          | 1.2 U                                          | 1.2 U                                          | 1.2 U                                            | 1.2 U                                          | 1.2 U                                            | 1.2 U                                          |
| Endrin ketone                                                   | NS                                                                 | 1.0 U                                         | 0.94 U                                         | 0.95 U                                         | 1.0 U                                          | 0.98 U                                           | 0.96 U                                         | 1.0 U                                            | 1.0 U                                          |
| gamma-BHC                                                       | 280                                                                | 0.91 U                                        | 0.82 U                                         | 0.83 U                                         | 0.87 U                                         | 0.86 U                                           | 0.84 U                                         | 0.88 U                                           | 0.90 U                                         |
| gamma-Chlordane                                                 | NS                                                                 | 1.1 U                                         | 1.8 JP                                         | 1.0 U                                          | 1.1 U                                          | 1.0 U                                            | 1.0 U                                          | 1.1 U                                            | 1.1 U                                          |
| Heptachlor                                                      | 420                                                                | 1.2 U                                         | 1.1 U                                          | 1.1 U                                          | 1.1 U                                          | 1.1 U                                            | 1.1 U                                          | 1.1 U                                            | 1.2 U                                          |
| Heptachlor epoxide                                              | NS                                                                 | 1.3 U                                         | 1.2 U                                          | 1.2 U                                          | 1.3 U                                          | 1.3 U                                            | 1.2 U                                          | 1.3 U                                            | 1.3 U                                          |
| Methoxychlor                                                    | NS                                                                 | 1.1 U                                         | 0.99 U                                         | 1.0 U                                          | 1.0 U                                          | 1.0 U                                            | 1.0 U                                          | 1.1 U                                            | 1.1 U                                          |
| Toxaphene                                                       | NS                                                                 | 4.5 U                                         | 4.1 U                                          | 4.1 U                                          | 4.3 U                                          | 4.3 U                                            | 4.2 U                                          | 4.4 U                                            | 4.5 U                                          |
| <i>Polychlorinated Biphenyls (PCBs)</i>                         |                                                                    |                                               |                                                |                                                |                                                |                                                  |                                                |                                                  |                                                |
| Aroclor-1016                                                    | 1000                                                               | 3.2 U                                         | 2.9 U                                          | 2.9 U                                          | 3.1 U                                          | 3.1 U                                            | 3.0 U                                          | 3.1 U                                            | 3.1 U                                          |
| Aroclor-1221                                                    | 1000                                                               | 5.0 U                                         | 4.5 U                                          | 4.6 U                                          | 4.8 U                                          | 4.8 U                                            | 4.6 U                                          | 4.8 U                                            | 4.9 U                                          |
| Aroclor-1232                                                    | 1000                                                               | 7.5 U                                         | 6.7 U                                          | 6.8 U                                          | 7.1 U                                          | 7.1 U                                            | 6.9 U                                          | 7.2 U                                            | 7.3 U                                          |
| Aroclor-1242                                                    | 1000                                                               | 6.7 U                                         | 6.0 U                                          | 6.1 U                                          | 6.3 U                                          | 6.3 U                                            | 6.1 U                                          | 6.4 U                                            | 6.5 U                                          |
| Aroclor-1248                                                    | 1000                                                               | 3.2 U                                         | 2.9 U                                          | 3.0 U                                          | 3.1 U                                          | 3.1 U                                            | 3.0 U                                          | 3.1 U                                            | 3.1 U                                          |
| Aroclor-1254                                                    | 1000                                                               | 2.1 U                                         | 1.9 U                                          | 1.9 U                                          | 2.0 U                                          | 2.0 U                                            | 1.9 U                                          | 2.0 U                                            | 2.0 U                                          |
| Aroclor-1260                                                    | 1000                                                               | 5.4 U                                         | 4.8 U                                          | 4.9 U                                          | 5.1 U                                          | 5.1 U                                            | 4.9 U                                          | 5.2 U                                            | 5.2 U                                          |

**Table 5**  
**Rockefeller University**

New York, NY

Quality Assurance/Quality Control (QA/QC) Analytical Results  
Volatile Organic Compounds (VOCs)

| Dilution<br>Client ID<br>Date Sampled<br>Lab Sample ID<br>Units | NYSDEC Class GA<br>Ambient Standard | 1<br>FB-1<br>5/23/2007<br>Y2852-05<br>ug/L | 1<br>TB-1<br>5/23/2007<br>Y2852-07<br>ug/L |
|-----------------------------------------------------------------|-------------------------------------|--------------------------------------------|--------------------------------------------|
| Compound                                                        |                                     |                                            |                                            |
| 1,1,1-Trichloroethane                                           | 5                                   | 0.32 U                                     | 0.32 U                                     |
| 1,1,2,2-Tetrachloroethane                                       | 5                                   | 0.30 U                                     | 0.30 U                                     |
| 1,1,2-Trichloroethane                                           | 1                                   | 0.41 U                                     | 0.41 U                                     |
| 1,1,2-Trichlorotrifluoroethane                                  | NS                                  | 1.3 U                                      | 1.3 U                                      |
| 1,1-Dichloroethane                                              | 5                                   | 0.38 U                                     | 0.38 U                                     |
| 1,1-Dichloroethene                                              | 5                                   | 0.42 U                                     | 0.42 U                                     |
| 1,2,4-Trichlorobenzene                                          | 5                                   | 0.46 U                                     | 0.46 U                                     |
| 1,2-Dibromo-3-Chloropropane                                     | 0.04                                | 0.38 U                                     | 0.38 U                                     |
| 1,2-Dibromoethane                                               | NS                                  | 0.32 U                                     | 0.32 U                                     |
| 1,2-Dichlorobenzene                                             | 5                                   | 0.44 U                                     | 0.44 U                                     |
| 1,2-Dichloroethane                                              | 5                                   | 0.34 U                                     | 0.34 U                                     |
| 1,2-Dichloropropane                                             | 1                                   | 1.2 J                                      | 0.40 U                                     |
| 1,3-Dichlorobenzene                                             | 5                                   | 0.50 U                                     | 0.50 U                                     |
| 1,4-Dichlorobenzene                                             | 5                                   | 0.54 U                                     | 0.54 U                                     |
| 2-Butanone                                                      | NS                                  | 1.1 U                                      | 1.1 U                                      |
| 2-Hexanone                                                      | 50                                  | 1.7 U                                      | 1.7 U                                      |
| 4-Methyl-2-Pentanone                                            | NS                                  | 1.6 U                                      | 1.6 U                                      |
| Acetone                                                         | 50                                  | 2.3 U                                      | 2.3 U                                      |
| Benzene                                                         | 1                                   | 0.39 U                                     | 0.39 U                                     |
| Bromodichloromethane                                            | 50                                  | 0.33 U                                     | 0.33 U                                     |
| Bromoform                                                       | 50                                  | 0.32 U                                     | 0.32 U                                     |
| Bromomethane                                                    | 5                                   | 0.41 U                                     | 0.41 U                                     |
| Carbon Disulfide                                                | 60                                  | 0.40 U                                     | 0.40 U                                     |
| Carbon Tetrachloride                                            | 5                                   | 1.1 U                                      | 1.1 U                                      |
| Chlorobenzene                                                   | 5                                   | 0.47 U                                     | 0.47 U                                     |
| Chloroethane                                                    | 5                                   | 0.83 U                                     | 0.83 U                                     |
| Chloroform                                                      | 7                                   | 0.33 U                                     | 0.33 U                                     |
| Chloromethane                                                   | NS                                  | 0.34 U                                     | 0.34 U                                     |
| cis-1,2-Dichloroethene                                          | 5                                   | 0.29 U                                     | 0.29 U                                     |
| cis-1,3-Dichloropropene                                         | 0.4                                 | 0.36 U                                     | 0.36 U                                     |
| Cyclohexane                                                     | NS                                  | 0.36 U                                     | 0.36 U                                     |
| Dibromochloromethane                                            | 50                                  | 0.26 U                                     | 0.26 U                                     |
| Dichlorodifluoromethane                                         | 5                                   | 0.17 U                                     | 0.17 U                                     |
| Ethyl Benzene                                                   | 1                                   | 0.45 U                                     | 0.45 U                                     |
| Isopropylbenzene                                                | 1                                   | 0.44 U                                     | 0.44 U                                     |
| m/p-Xylenes                                                     | NS                                  | 1.2 U                                      | 1.2 U                                      |
| Methyl Acetate                                                  | NS                                  | 0.20 U                                     | 0.20 U                                     |
| Methyl tert-butyl Ether                                         | 10                                  | 0.28 U                                     | 0.28 U                                     |
| Methylcyclohexane                                               | NS                                  | 0.34 U                                     | 0.34 U                                     |
| Methylene Chloride                                              | 5                                   | 3.9 J                                      | 0.43 U                                     |
| o-Xylene                                                        | 5                                   | 0.46 U                                     | 0.46 U                                     |
| Styrene                                                         | 5                                   | 0.41 U                                     | 0.41 U                                     |
| t-1,3-Dichloropropene                                           | 0.4                                 | 0.32 U                                     | 0.32 U                                     |
| Tetrachloroethene                                               | 5                                   | 0.48 U                                     | 0.48 U                                     |
| Toluene                                                         | 1                                   | 0.36 U                                     | 0.36 U                                     |
| trans-1,2-Dichloroethene                                        | 5                                   | 0.40 U                                     | 0.40 U                                     |
| Trichloroethene                                                 | 5                                   | 0.46 U                                     | 0.46 U                                     |
| Trichlorofluoromethane                                          | 5                                   | 0.22 U                                     | 0.22 U                                     |
| Vinyl Chloride                                                  | 2                                   | 0.33 U                                     | 0.33 U                                     |

**Table 6**  
**Rockefeller University**

New York, New York

Quality Assurance/Quality Control (QA/QC) Analytical Results  
Semivolatile Organic Compounds (SVOCs)

| Dilution<br>Client ID<br>Date Sampled<br>Lab Sample ID<br>Units | NYSDEC Class GA<br>Ambient Standard | 1<br>FB-1<br>5/23/2007<br>Y2852-05<br>ug/L |
|-----------------------------------------------------------------|-------------------------------------|--------------------------------------------|
| Compound                                                        |                                     |                                            |
| 1,1-Biphenyl                                                    | NS                                  | 1.4 U                                      |
| 2,2-oxybis(1-Chloropropane)                                     | NS                                  | 1.2 U                                      |
| 2,4,5-Trichlorophenol                                           | NS                                  | 1.2 U                                      |
| 2,4,6-Trichlorophenol                                           | NS                                  | 1.2 U                                      |
| 2,4-Dichlorophenol                                              | 5                                   | 1.4 U                                      |
| 2,4-Dimethylphenol                                              | 50                                  | 1.2 U                                      |
| 2,4-Dinitrophenol                                               | 10                                  | 3.5 U                                      |
| 2,4-Dinitrotoluene                                              | 5                                   | 1.2 U                                      |
| 2,6-Dinitrotoluene                                              | 5                                   | 1.3 U                                      |
| 2-Chloronaphthalene                                             | 10                                  | 1.4 U                                      |
| 2-Chlorophenol                                                  | NS                                  | 1.2 U                                      |
| 2-Methylnaphthalene                                             | NS                                  | 1.1 U                                      |
| 2-Methylphenol                                                  | NS                                  | 1.5 U                                      |
| 2-Nitroaniline                                                  | 5                                   | 1.1 U                                      |
| 2-Nitrophenol                                                   | NS                                  | 1.4 U                                      |
| 3,3-Dichlorobenzidine                                           | 5                                   | 1.1 U                                      |
| 3+4-Methylphenols                                               | NS                                  | 1.3 U                                      |
| 3-Nitroaniline                                                  | 5                                   | 1.0 U                                      |
| 4,6-Dinitro-2-methylphenol                                      | NS                                  | 1.6 U                                      |
| 4-Bromophenyl-phenylether                                       | NS                                  | 1.5 U                                      |
| 4-Chloro-3-methylphenol                                         | NS                                  | 1.4 U                                      |
| 4-Chloroaniline                                                 | 5                                   | 0.870 U                                    |
| 4-Chlorophenyl-phenylether                                      | NS                                  | 1.4 U                                      |
| 4-Nitroaniline                                                  | 5                                   | 1.1 U                                      |
| 4-Nitrophenol                                                   | NS                                  | 3.1 U                                      |
| Acenaphthene                                                    | 20                                  | 1.4 U                                      |
| Acenaphthylene                                                  | 20                                  | 1.3 U                                      |
| Acetophenone                                                    | NS                                  | 1.2 U                                      |
| Anthracene                                                      | 8                                   | 1.4 U                                      |
| Atrazine                                                        | NS                                  | 1.3 U                                      |
| Benzaldehyde                                                    | NS                                  | 1.7 U                                      |
| Benzo(a)anthracene                                              | 31                                  | 1.1 U                                      |
| Benzo(a)pyrene                                                  | 10                                  | 1.2 U                                      |
| Benzo(b)fluoranthene                                            | 19                                  | 0.760 U                                    |
| Benzo(g,h,i)perylene                                            | 10                                  | 1.1 U                                      |
| Benzo(k)fluoranthene                                            | 10                                  | 1.9 U                                      |
| bis(2-Chloroethoxy)methane                                      | 5                                   | 1.4 U                                      |
| bis(2-Chloroethyl)ether                                         | 1                                   | 1.5 U                                      |
| bis(2-Ethylhexyl)phthalate                                      | NS                                  | 1.5 U                                      |
| Butylbenzylphthalate                                            | 50                                  | 1.4 U                                      |
| Caprolactam                                                     | NS                                  | 1.3 U                                      |
| Carbazole                                                       | NS                                  | 1.3 U                                      |
| Chrysene                                                        | 10                                  | 1.7 U                                      |
| Dibenz(a,h)anthracene                                           | NS                                  | 0.870 U                                    |
| Dibenzofuran                                                    | NS                                  | 1.3 U                                      |
| Diethylphthalate                                                | 50                                  | 1.3 U                                      |
| Dimethylphthalate                                               | 50                                  | 1.3 U                                      |
| Di-n-butylphthalate                                             | 50                                  | 1.3 U                                      |
| Di-n-octyl phthalate                                            | 50                                  | 1.3 U                                      |
| Fluoranthene                                                    | 9                                   | 1.2 U                                      |
| Fluorene                                                        | 8                                   | 1.4 U                                      |
| Hexachlorobenzene                                               | 0.04                                | 1.2 U                                      |
| Hexachlorobutadiene                                             | 0.5                                 | 1.4 U                                      |
| Hexachlorocyclopentadiene                                       | 5                                   | 1.2 U                                      |
| Hexachloroethane                                                | 5                                   | 1.2 U                                      |
| Indeno(1,2,3-cd)pyrene                                          | 10                                  | 0.840 U                                    |
| Isophorone                                                      | 50                                  | 1.3 U                                      |
| Naphthalene                                                     | 1                                   | 1.4 U                                      |
| Nitrobenzene                                                    | 0.4                                 | 1.6 U                                      |
| N-Nitroso-di-n-propylamine                                      | NS                                  | 1.4 U                                      |
| N-Nitrosodiphenylamine                                          | NS                                  | 1.3 U                                      |
| Pentachlorophenol                                               | 1                                   | 1.6 U                                      |
| Phenanthrene                                                    | 22                                  | 1.4 U                                      |
| Phenol                                                          | 1                                   | 1.3 U                                      |
| Pyrene                                                          | 8                                   | 1.5 U                                      |

**Table 7**  
**Rockefeller University**  
**New York, New York**  
Quality Assurance/Quality Control (QA/QC) Analytical Results  
*Metals*

|                                                                 |                                     |                                            |
|-----------------------------------------------------------------|-------------------------------------|--------------------------------------------|
| Dilution<br>Client ID<br>Date Sampled<br>Lab Sample ID<br>Units | NYSDEC Class GA<br>Ambient Standard | 1<br>FB-1<br>5/23/2007<br>Y2852-05<br>ug/L |
| Compound                                                        |                                     |                                            |
| Aluminum                                                        | NS                                  | 17.2 U                                     |
| Antimony                                                        | 3                                   | 3.100 U                                    |
| Arsenic                                                         | 25                                  | 3.100 U                                    |
| Barium                                                          | 1000                                | 3.100 U                                    |
| Beryllium                                                       | 3                                   | 0.100 U                                    |
| Cadmium                                                         | 5                                   | 0.900 U                                    |
| Calcium                                                         | NS                                  | 58.7 J                                     |
| Chromium                                                        | 50                                  | 0.600 U                                    |
| Cobalt                                                          | NS                                  | 1.300 U                                    |
| Copper                                                          | 200                                 | 1.450 J                                    |
| Iron                                                            | 300                                 | 47.7 U                                     |
| Lead                                                            | 25                                  | 1.900 U                                    |
| Magnesium                                                       | 35000                               | 9.200 U                                    |
| Manganese                                                       | 300                                 | 0.800 U                                    |
| Mercury                                                         | 0.7                                 | 0.11 U                                     |
| Nickel                                                          | 100                                 | 1.800 U                                    |
| Potassium                                                       | NS                                  | 236 U                                      |
| Selenium                                                        | 10                                  | 2.100 U                                    |
| Silver                                                          | 50                                  | 0.600 U                                    |
| Sodium                                                          | 20000                               | 526 J                                      |
| Thallium                                                        | 0.5                                 | 7.500 U                                    |
| Vanadium                                                        | NS                                  | 1.000 U                                    |
| Zinc                                                            | 2000                                | 38.8                                       |



**Table 8**  
**Rockefeller University**  
**New York, New York**  
Quality Assurance/Quality Control (QA/QC) Analytical Results  
*Polychlorinated Biphenyls (PCBs) and Pesticides*

|                    |                  |           |
|--------------------|------------------|-----------|
| Dilution           |                  | 1         |
| Client ID          | NYSDEC Class GA  | FB-1      |
| Date Sampled       | Ambient Standard | 5/23/2007 |
| Lab Sample ID      |                  | Y2852-05  |
| Units              |                  | ug/L      |
| <b>Pesticides</b>  |                  |           |
| 4,4-DDD            | 0.2              | 0.0070 U  |
| 4,4-DDE            | 0.2              | 0.0072 U  |
| 4,4-DDT            | 0.2              | 0.0064 U  |
| Aldrin             | ND               | 0.0299 U  |
| alpha-BHC          | 0.01             | 0.0063 U  |
| alpha-Chlordane    | NS               | 0.0076 U  |
| beta-BHC           | 0.04             | 0.0070 U  |
| delta-BHC          | 0.04             | 0.0500 U  |
| Dieldrin           | NS               | 0.0073 U  |
| Endosulfan I       | NS               | 0.0076 U  |
| Endosulfan II      | NS               | 0.0073 U  |
| Endosulfan Sulfate | NS               | 0.0086 U  |
| Endrin             | ND               | 0.0069 U  |
| Endrin aldehyde    | NS               | 0.0088 U  |
| Endrin ketone      | NS               | 0.0078 U  |
| gamma-BHC          | NS               | 0.0071 U  |
| gamma-Chlordane    | NS               | 0.0078 U  |
| Heptachlor         | 0.04             | 0.0227 U  |
| Heptachlor epoxide | NS               | 0.0121 U  |
| Methoxychlor       | NS               | 0.0072 U  |
| Toxaphene          | NS               | 0.0900 U  |
| <b>PCBs</b>        |                  |           |
| Aroclor-1016       | 0.09             | 0.153 U   |
| Aroclor-1221       | 0.09             | 0.179 U   |
| Aroclor-1232       | 0.09             | 0.115 U   |
| Aroclor-1242       | 0.09             | 0.087 U   |
| Aroclor-1248       | 0.09             | 0.044 U   |
| Aroclor-1254       | 0.09             | 0.039 U   |
| Aroclor-1260       | 0.09             | 0.16 U    |

**Table Notes**  
**Rockefeller University**  
**New York, New York**  
Soil and Groundwater Tables Analytical Results

**Soil Notes:**

Samples analyzed by EPA (Environmental Protection Agency) method 8260 & 8270.  
Part 375 refers to 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives

**Flags:**

NS - No soil clean-up objective listed  
mg/kg - milligrams per kilogram = parts per million (ppm)  
ug/kg - micrograms per kilogram = parts per billion (ppb)  
U - compound not detected  
B - analyte was detected in associated blank  
H - concentration was calculated using manual alternate peak selection  
M - concentration calculated using manual integration  
N - MS/MSD spike recovery exceeds control limits  
\* - MS/MSD quality control exceeds control limits  
J - Data indicates the presence of a compound that meets the identification criteria.  
The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.  
NA - Not Analyzed  
TICs - tentatively identified compounds.  
E - Value exceeds calibration range  
D -  
PG - The percent difference between the original and confirmation analysis is greater than 40%.

**Groundwater Notes:**

NYSDEC Class GA Ambient Standard = New York State Department of Environmental Conservation Technical and Operational  
Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.  
CT-GWPC - CTDEP Groundwater Protection Criteria

**Flags:**

\*LCS, LCD, MD: Batch QC exceeds the upper or lower control limits.  
B = (Inorganic flag) Result is less than the CRDL/RL, but greater than or equal to the IDL/MDL.  
B = (organic flag) Compound was found in the blank and sample.  
J = Result is an estimated value below the reporting limit or a tentatively identified compound (TIC).  
M = Manually integrated compound.  
N = MS, MSD: Spike recovery exceeds the upper or lower control limits.  
U = Analyte not detected above the MDL.  
UJ = The compound was analyzed for, but not detected. The sample quantitation limit is an estimated quantity due to variance.  
JN = Analyte is presumptively present at an approximated quantity.

**Laboratory analytical methods included the following:**

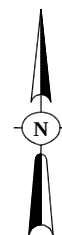
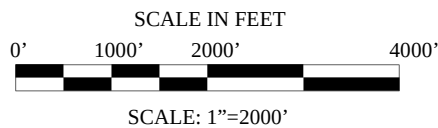
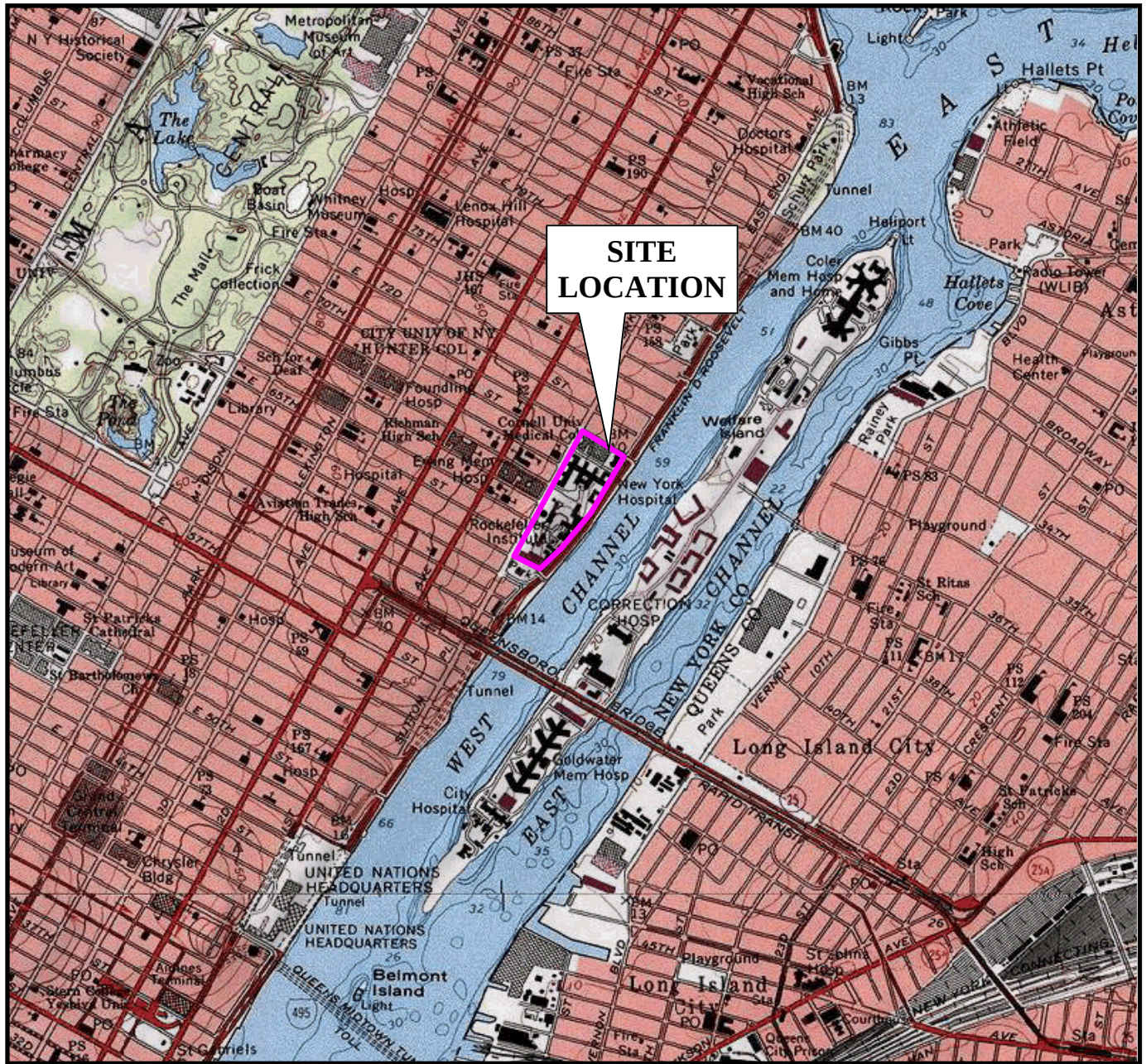
TCL VOCs using EPA Method 8260  
TCL SVOCs using EPA Method 8270 (base neutral compounds only)  
PCBs using EPA Method 8082  
Pesticides using EPA Method 8081  
TAL metals using EPA Methods 6010B and 7470A  
General groundwater chemistry (non-redundant Part 360 parameters) using EPA Methods 160, 300-series and 400 series

**Abbreviations:**

\*\*\* TDS standard applies only in the counties of Nassau and Suffolk.  
\* A standard of 500 ppb applies to the sum of iron and manganese concentrations.  
µg/L = micrograms per liter, or parts per billion  
LCD = Laboratory Control Standard Duplicate  
LCS = Laboratory Control Standard with reagent grade water or matrix free from the analyte of interest  
MDL = Method Detection Limit  
MS = Matrix Spike  
MSD = Matrix Spike Duplicate  
ND = Not detected  
RL = Reporting limit

## FIGURES





**SOURCE:**  
7.5 MINUTE SERIES USGS TOPOGRAPHIC MAP  
QUADRANGLE: CENTRAL PARK, NY 1995

**THE ROCKFELLER UNIVERSITY**  
**1230 YORK AVE**  
**NEW YORK, NEW YORK**

**PROJECT SITE LOCATION**



**Environmental Consultants**  
440 Park Avenue South, New York, N.Y. 10016

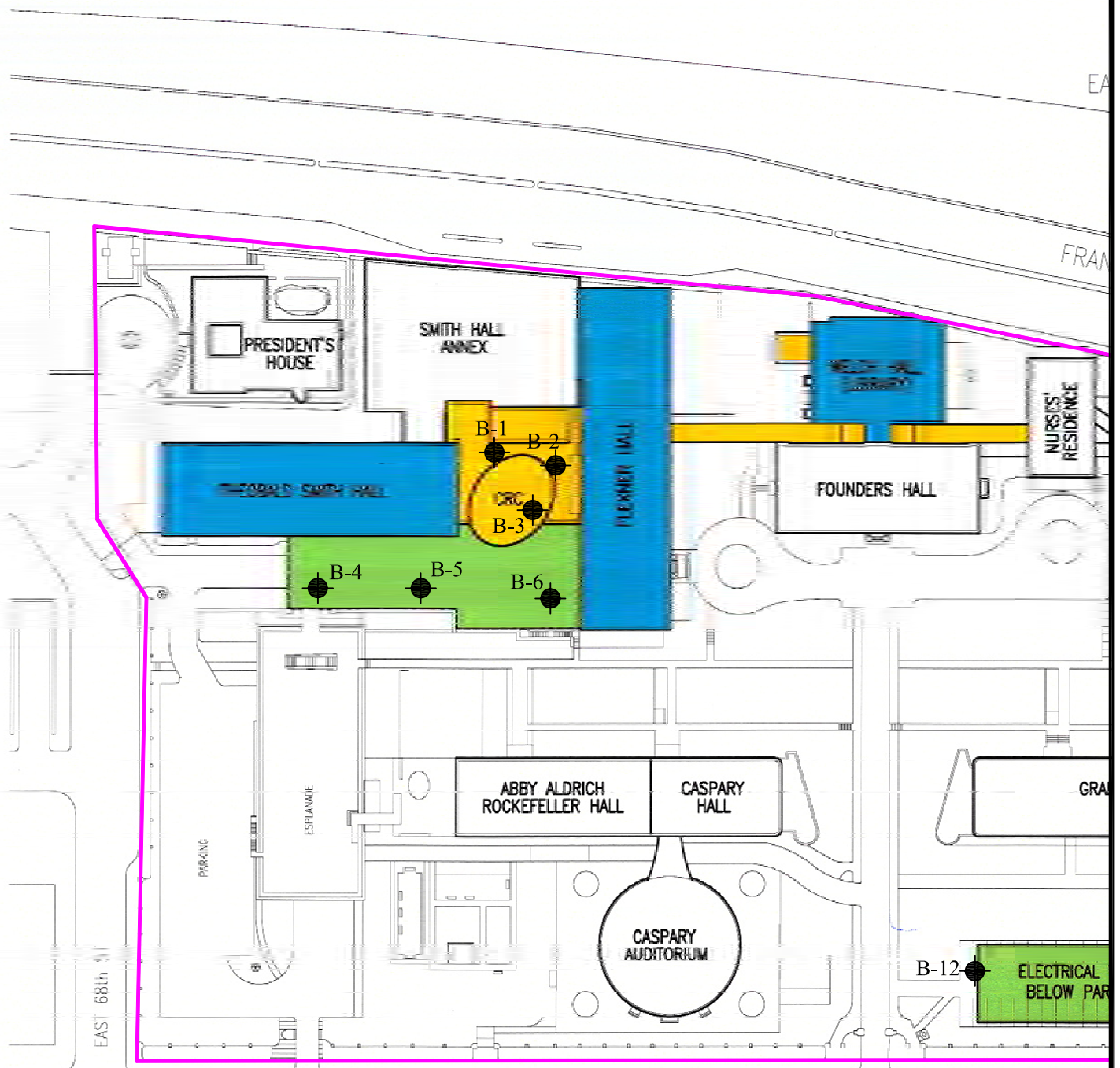
DATE  
**02.05.07**

PROJECT No.  
**10757**

SCALE  
**AS SHOWN**

FIGURE  
**1**





### LEGEND:

- PROJECT SITE BOUNDARY
- SOIL BORING AND SOIL SAMPLING LOCATION

**THE ROCKEFELLER UNIVERSITY**  
**1230 YORK AVENUE**  
**NEW YORK, NEW YORK**

**SITE PLAN DETAIL**  
 (COLLABORATIVE RESEARCH CENTER SITE)



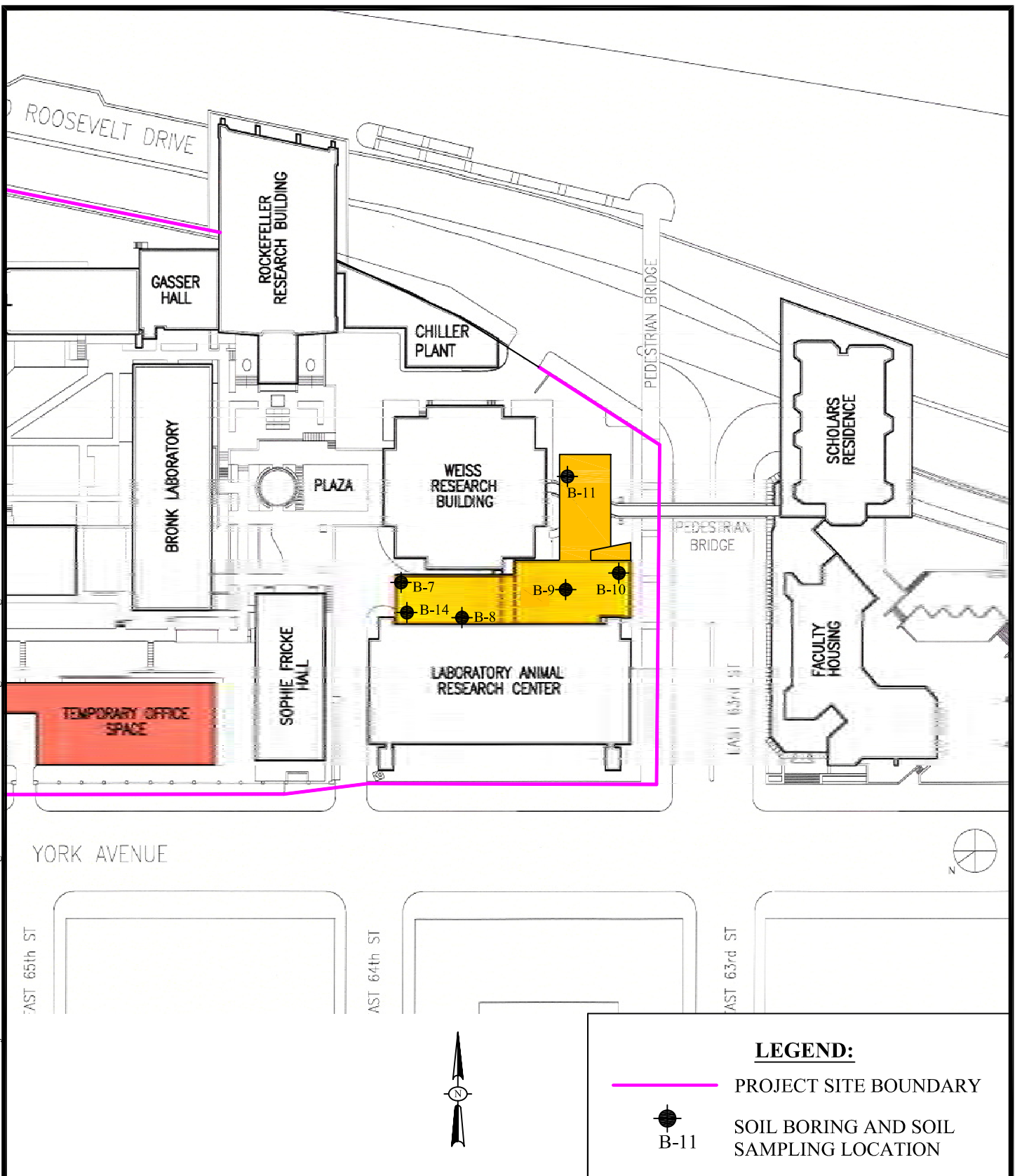
**Environmental Consultants**  
 440 Park Avenue South, New York, N.Y. 10016

DATE  
**06.01.07**

PROJECT No.  
**10757**

SCALE  
**NTS**

FIGURE  
**2A**



#### LEGEND:

- PROJECT SITE BOUNDARY
- SOIL BORING AND SOIL SAMPLING LOCATION

**THE ROCKEFELLER UNIVERSITY**  
**1230 YORK AVENUE**  
**NEW YORK, NEW YORK**  
**SITE PLAN DETAIL**  
 (LARC ANNEX & IMAGING BUILDING)



**Environmental Consultants**  
 440 Park Avenue South, New York, N.Y. 10016

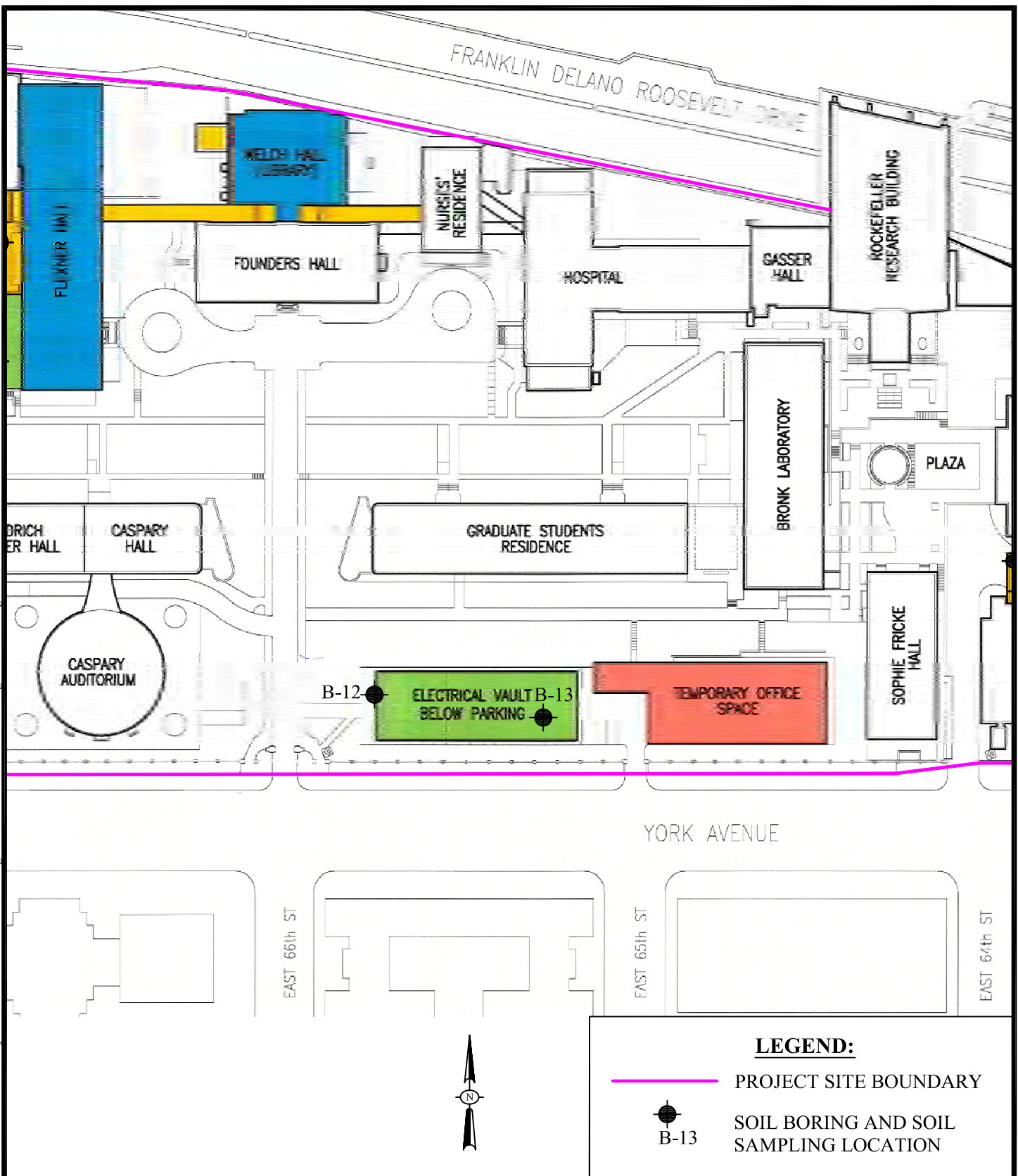
DATE  
**06.01.07**

PROJECT No.  
**10757**

SCALE  
**NTS**

FIGURE  
**2B**





# **LEGEND:**

- PROJECT SITE BOUNDARY
- B-13  
SOIL BORING AND SOIL SAMPLING LOCATION

**THE ROCKEFELLER UNIVERSITY**  
**1230 YORK AVENUE**  
**NEW YORK, NEW YORK**  
**SITE PLAN DETAIL**  
**(ELECTRICAL VAULT)**



**Environmental Consultants**  
 440 Park Avenue South, New York, N.Y. 10016

DATE  
**06.01.07**

PROJECT No.  
**10757**

SCALE  
**NTS**

FIGURE  
**2C**

**APPENDIX A**  
**SOIL BORING LOGS**



|                                                                                                                 |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
|-----------------------------------------------------------------------------------------------------------------|-------------------|-----------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------|--|---------------|--|
| <div>AKRF, Inc.</div> <div>Environmental Consultants</div> <div>440 Park Avenue South, New York, NY 10016</div> |                   |                 |             | Rockefeller University, Manhattan, NY                                                                                                                                                                                                                                |  | Boring No. <b>B-1</b> |  |               |  |
|                                                                                                                 |                   |                 |             | AKRF Project Number : 10757                                                                                                                                                                                                                                          |  | Sheet 1 of 1          |  |               |  |
|                                                                                                                 |                   |                 |             | Drilling Method: Track-mounted Geoprobe 6620DT                                                                                                                                                                                                                       |  | Drilling              |  |               |  |
|                                                                                                                 |                   |                 |             | Sampling Method: 5-foot Macrocore                                                                                                                                                                                                                                    |  | Start                 |  | Finish        |  |
|                                                                                                                 |                   |                 |             | Driller : Hydro Tech Environmental Corp.                                                                                                                                                                                                                             |  | Time: 8:25            |  | Time: 9:00    |  |
|                                                                                                                 |                   |                 |             | Weather: clear, ~70 F                                                                                                                                                                                                                                                |  | Date: 5/23/07         |  | Date: 5/23/07 |  |
|                                                                                                                 |                   |                 |             | Sampler: AKRF/ Robin Hughes                                                                                                                                                                                                                                          |  |                       |  |               |  |
| Depth (feet)                                                                                                    | Recovery (Inches) | Sample Location | PID Reading | Surface Condition: Asphalt over concrete                                                                                                                                                                                                                             |  |                       |  |               |  |
| 1                                                                                                               | 54"               | S-1             | 0.0 ppm     | Top 3 ": Asphalt<br>Center 5": Concrete<br><br>Center 12": Brown c-f SAND (fill, dry)<br>Bottom > 20": Grey-brown DECOMPOSED ROCK (mica shist, dry)<br><br>Soil Sample collected at 9:00 from 2-4 feet: B-1-2-4<br><br>Refusal and end of boring at 9:00 at 4.5 feet |  |                       |  |               |  |
| 2                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 3                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 4                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 5                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 6                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 7                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 8                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 9                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 10                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 11                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 12                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 13                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 14                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 15                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 16                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 17                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 18                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 19                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| 20                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |
| Notes:                                                                                                          |                   |                 |             |                                                                                                                                                                                                                                                                      |  |                       |  |               |  |

|                                                                                                                 |                   |                 |             |                                                            |  |                       |  |               |  |
|-----------------------------------------------------------------------------------------------------------------|-------------------|-----------------|-------------|------------------------------------------------------------|--|-----------------------|--|---------------|--|
| <div>AKRF, Inc.</div> <div>Environmental Consultants</div> <div>440 Park Avenue South, New York, NY 10016</div> |                   |                 |             | Rockefeller University, Manhattan, NY                      |  | Boring No. <b>B-2</b> |  |               |  |
|                                                                                                                 |                   |                 |             | AKRF Project Number : 10757                                |  | Sheet 1 of 1          |  |               |  |
|                                                                                                                 |                   |                 |             | Drilling Method: Track-mounted Geoprobe 6620DT             |  | Drilling              |  |               |  |
|                                                                                                                 |                   |                 |             | Sampling Method: 5-foot Macrocore                          |  | Start                 |  | Finish        |  |
|                                                                                                                 |                   |                 |             | Driller : Hydro Tech Environmental Corp.                   |  | Time: 9:15            |  | Time: 9:30    |  |
|                                                                                                                 |                   |                 |             | Weather: clear, ~70 F                                      |  | Date: 5/23/07         |  | Date: 5/23/07 |  |
|                                                                                                                 |                   |                 |             | Sampler: AKRF/ Robin Hughes                                |  |                       |  |               |  |
| Depth (feet)                                                                                                    | Recovery (Inches) | Sample Location | PID Reading | Surface Condition: Asphalt over concrete                   |  |                       |  |               |  |
| 1                                                                                                               | 27"               | S-1             | 0.0 ppm     | Top 3 ": Asphalt                                           |  |                       |  |               |  |
| 2                                                                                                               |                   |                 |             | Center 5": Concrete                                        |  |                       |  |               |  |
| 3                                                                                                               |                   |                 |             | Center 3 ": Asphalt                                        |  |                       |  |               |  |
| 4                                                                                                               |                   |                 |             | Center 6": Brown c-f SAND, some red brick (fill, dry)      |  |                       |  |               |  |
| 5                                                                                                               |                   |                 |             | Bottom > 17": Grey-brown DECOMPOSED ROCK (mica shist, dry) |  |                       |  |               |  |
|                                                                                                                 |                   |                 |             | Soil Sample collected at 9:30 from 3-4 feet: B-2-3-4       |  |                       |  |               |  |
|                                                                                                                 |                   |                 |             | Refusal and end of boring at 9:30 at 4.5 feet              |  |                       |  |               |  |
| 6                                                                                                               |                   |                 |             |                                                            |  |                       |  |               |  |
| 7                                                                                                               |                   |                 |             |                                                            |  |                       |  |               |  |
| 8                                                                                                               |                   |                 |             |                                                            |  |                       |  |               |  |
| 9                                                                                                               |                   |                 |             |                                                            |  |                       |  |               |  |
| 10                                                                                                              |                   |                 |             |                                                            |  |                       |  |               |  |
| 11                                                                                                              |                   |                 |             |                                                            |  |                       |  |               |  |
| 12                                                                                                              |                   |                 |             |                                                            |  |                       |  |               |  |
| 13                                                                                                              |                   |                 |             |                                                            |  |                       |  |               |  |
| 14                                                                                                              |                   |                 |             |                                                            |  |                       |  |               |  |
| 15                                                                                                              |                   |                 |             |                                                            |  |                       |  |               |  |
| 16                                                                                                              |                   |                 |             |                                                            |  |                       |  |               |  |
| 17                                                                                                              |                   |                 |             |                                                            |  |                       |  |               |  |
| 18                                                                                                              |                   |                 |             |                                                            |  |                       |  |               |  |
| 19                                                                                                              |                   |                 |             |                                                            |  |                       |  |               |  |
| 20                                                                                                              |                   |                 |             |                                                            |  |                       |  |               |  |
| Notes:                                                                                                          |                   |                 |             |                                                            |  |                       |  |               |  |

|                                                                                                                 |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------|-------------------|-----------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>AKRF, Inc.</div> <div>Environmental Consultants</div> <div>440 Park Avenue South, New York, NY 10016</div> |                   |                 |             | <div>Rockefeller University, Manhattan, NY</div> <div>AKRF Project Number : 10757</div>                                                                                                                                            | <div>Boring No. <b>B-3</b></div> <div>Sheet 1 of 1</div>                                                                                                                           |
|                                                                                                                 |                   |                 |             | <div>Drilling Method: Track-mounted Geoprobe 6620DT</div> <div>Sampling Method: 5-foot Macrocore</div> <div>Driller : Hydro Tech Environmental Corp.</div> <div>Weather: clear, ~70 F</div> <div>Sampler: AKRF/ Robin Hughes</div> | <div>Drilling</div> <div><div>Start</div><div>Time: 9:30</div></div> <div><div>Finish</div><div>Time: 9:45</div></div> <div><div>Date: 5/23/07</div><div>Date: 5/23/07</div></div> |
| Depth (feet)                                                                                                    | Recovery (Inches) | Sample Location | PID Reading | Surface Condition: Asphalt over concrete                                                                                                                                                                                           |                                                                                                                                                                                    |
| 1                                                                                                               | 24"               | S-1             | 0.0 ppm     | Top 5": Concrete                                                                                                                                                                                                                   |                                                                                                                                                                                    |
| 2                                                                                                               |                   |                 |             | Center 1": Asphalt                                                                                                                                                                                                                 |                                                                                                                                                                                    |
| 3                                                                                                               |                   |                 |             | Center 6": Brown c-f SAND, trace red brick (fill, dry)                                                                                                                                                                             |                                                                                                                                                                                    |
| 4                                                                                                               |                   |                 |             | Bottom > 12": Grey-brown DECOMPOSED ROCK (mica shist, dry)                                                                                                                                                                         |                                                                                                                                                                                    |
| 5                                                                                                               |                   |                 |             | Soil Sample collected at 9:45 from 2-3 feet: B-3-2-3                                                                                                                                                                               |                                                                                                                                                                                    |
| 6                                                                                                               |                   |                 |             | Refusal and end of boring at 9:45 at 3 feet                                                                                                                                                                                        |                                                                                                                                                                                    |
| 7                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
| 8                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
| 9                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
| 10                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
| 11                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
| 12                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
| 13                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
| 14                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
| 15                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
| 16                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
| 17                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
| 18                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
| 19                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
| 20                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |
| Notes:                                                                                                          |                   |                 |             |                                                                                                                                                                                                                                    |                                                                                                                                                                                    |

|                                                                                                                 |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
|-----------------------------------------------------------------------------------------------------------------|-------------------|-----------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <div>AKRF, Inc.</div> <div>Environmental Consultants</div> <div>440 Park Avenue South, New York, NY 10016</div> |                   |                 |             | <div>Rockefeller University, Manhattan, NY</div> <div>AKRF Project Number : 10757</div>                                                                                                                                            |  | <div>Boring No. <b>B-4</b></div> <div>Sheet 1 of 1</div>                                                                                                                             |  |
|                                                                                                                 |                   |                 |             | <div>Drilling Method: Track-mounted Geoprobe 6620DT</div> <div>Sampling Method: 5-foot Macrocore</div> <div>Driller : Hydro Tech Environmental Corp.</div> <div>Weather: clear, ~70 F</div> <div>Sampler: AKRF/ Robin Hughes</div> |  | <div>Drilling</div> <div><div>Start</div><div>Time: 15:20</div></div> <div><div>Finish</div><div>Time: 16:15</div></div> <div><div>Date: 5/23/07</div><div>Date: 5/23/07</div></div> |  |
| Depth (feet)                                                                                                    | Recovery (Inches) | Sample Location | PID Reading | Surface Condition: Asphalt over cobble stone                                                                                                                                                                                       |  |                                                                                                                                                                                      |  |
| 1                                                                                                               | 18"               | S-1             | 0.0 ppm     | Beige pulverized ROCK or cobble stone                                                                                                                                                                                              |  |                                                                                                                                                                                      |  |
| 2                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 3                                                                                                               |                   |                 |             | Soil Sample collected at 16:15 from 1-2 feet: B-4-1-2                                                                                                                                                                              |  |                                                                                                                                                                                      |  |
| 4                                                                                                               |                   |                 |             | Refusal and end of boring at 16:15 at 3 feet                                                                                                                                                                                       |  |                                                                                                                                                                                      |  |
| 5                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 6                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 7                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 8                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 9                                                                                                               |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 10                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 11                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 12                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 13                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 14                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 15                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 16                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 17                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 18                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 19                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| 20                                                                                                              |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |
| Notes:                                                                                                          |                   |                 |             |                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |

|                                                                                                                 |                   |                 |             |                                                           |  |                       |  |               |  |
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| <div>AKRF, Inc.</div> <div>Environmental Consultants</div> <div>440 Park Avenue South, New York, NY 10016</div> |                   |                 |             | Rockefeller University, Manhattan, NY                     |  | Boring No. <b>B-5</b> |  |               |  |
|                                                                                                                 |                   |                 |             | AKRF Project Number : 10757                               |  | Sheet 1 of 1          |  |               |  |
|                                                                                                                 |                   |                 |             | Drilling Method: Track-mounted Geoprobe 6620DT            |  | Drilling              |  |               |  |
|                                                                                                                 |                   |                 |             | Sampling Method: 5-foot Macrocore                         |  | Start                 |  | Finish        |  |
|                                                                                                                 |                   |                 |             | Driller : Hydro Tech Environmental Corp.                  |  | Time: 14:20           |  | Time: 14:45   |  |
|                                                                                                                 |                   |                 |             | Weather: clear, ~70 F                                     |  | Date: 5/23/07         |  | Date: 5/23/07 |  |
|                                                                                                                 |                   |                 |             | Sampler: AKRF/ Robin Hughes                               |  |                       |  |               |  |
| Depth (feet)                                                                                                    | Recovery (Inches) | Sample Location | PID Reading | Surface Condition: Asphalt over concrete                  |  |                       |  |               |  |
| 1                                                                                                               | 18"               | S-1             | 0.0 ppm     | Top 3": Asphalt                                           |  |                       |  |               |  |
| 2                                                                                                               |                   |                 |             | Center 3": Concrete                                       |  |                       |  |               |  |
| 3                                                                                                               |                   |                 |             | Bottom > 6": Grey-brown DECOMPOSED ROCK (mica shist, dry) |  |                       |  |               |  |
| 4                                                                                                               |                   |                 |             | Soil Sample collected at 14:45 from 1-2 feet: B-5-1-2     |  |                       |  |               |  |
| 5                                                                                                               |                   |                 |             | Refusal and end of boring at 14:45 at 2.5 feet            |  |                       |  |               |  |
| 6                                                                                                               |                   |                 |             |                                                           |  |                       |  |               |  |
| 7                                                                                                               |                   |                 |             |                                                           |  |                       |  |               |  |
| 8                                                                                                               |                   |                 |             |                                                           |  |                       |  |               |  |
| 9                                                                                                               |                   |                 |             |                                                           |  |                       |  |               |  |
| 10                                                                                                              |                   |                 |             |                                                           |  |                       |  |               |  |
| 11                                                                                                              |                   |                 |             |                                                           |  |                       |  |               |  |
| 12                                                                                                              |                   |                 |             |                                                           |  |                       |  |               |  |
| 13                                                                                                              |                   |                 |             |                                                           |  |                       |  |               |  |
| 14                                                                                                              |                   |                 |             |                                                           |  |                       |  |               |  |
| 15                                                                                                              |                   |                 |             |                                                           |  |                       |  |               |  |
| 16                                                                                                              |                   |                 |             |                                                           |  |                       |  |               |  |
| 17                                                                                                              |                   |                 |             |                                                           |  |                       |  |               |  |
| 18                                                                                                              |                   |                 |             |                                                           |  |                       |  |               |  |
| 19                                                                                                              |                   |                 |             |                                                           |  |                       |  |               |  |
| 20                                                                                                              |                   |                 |             |                                                           |  |                       |  |               |  |
| Notes:                                                                                                          |                   |                 |             |                                                           |  |                       |  |               |  |

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| <div>AKRF, Inc.</div> <div>Environmental Consultants</div> <div>440 Park Avenue South, New York, NY 10016</div> |                   |                 |             | Rockefeller University, Manhattan, NY                                     |  | Boring No. <b>B-6</b> |  |  |  |  |  |
|                                                                                                                 |                   |                 |             | AKRF Project Number : 10757                                               |  | Sheet 1 of 1          |  |  |  |  |  |
|                                                                                                                 |                   |                 |             | Drilling Method: Track-mounted Geoprobe 6620DT                            |  | Drilling              |  |  |  |  |  |
|                                                                                                                 |                   |                 |             | Sampling Method: 5-foot Macrocore                                         |  | Start                 |  |  |  |  |  |
|                                                                                                                 |                   |                 |             | Driller : Hydro Tech Environmental Corp.                                  |  | Time: 9:45            |  |  |  |  |  |
|                                                                                                                 |                   |                 |             | Weather: clear, ~70 F                                                     |  | Date: 5/23/07         |  |  |  |  |  |
|                                                                                                                 |                   |                 |             | Sampler: AKRF/ Robin Hughes                                               |  | Date: 5/23/07         |  |  |  |  |  |
| Depth (feet)                                                                                                    | Recovery (Inches) | Sample Location | PID Reading | Surface Condition: Asphalt over concrete                                  |  |                       |  |  |  |  |  |
| 1                                                                                                               | 36"               | S-1             | 4.3 ppm     | Top 2 ": Asphalt                                                          |  |                       |  |  |  |  |  |
| 2                                                                                                               |                   |                 |             | Center 6": Concrete                                                       |  |                       |  |  |  |  |  |
| 3                                                                                                               |                   |                 |             | Center 4": Brown c-f SAND, slight petroleum odor, PID=4.3 ppm (fill, dry) |  |                       |  |  |  |  |  |
| 4                                                                                                               |                   |                 |             | Center 5": Brown DECOMPOSED ROCK (mica shist, dry)                        |  |                       |  |  |  |  |  |
| 5                                                                                                               |                   |                 |             | Bottom > 17": Grey-brown DECOMPOSED ROCK (mica shist, dry)                |  |                       |  |  |  |  |  |
|                                                                                                                 |                   |                 |             | Soil Sample collected at 10:15 from 3-4 feet: B-6-3-4                     |  |                       |  |  |  |  |  |
|                                                                                                                 |                   |                 |             | Refusal and end of boring at 10:00 at 4.5 feet                            |  |                       |  |  |  |  |  |
| 6                                                                                                               |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| 7                                                                                                               |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| 8                                                                                                               |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| 9                                                                                                               |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| 10                                                                                                              |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| 11                                                                                                              |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| 12                                                                                                              |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| 13                                                                                                              |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| 14                                                                                                              |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| 15                                                                                                              |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| 16                                                                                                              |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| 17                                                                                                              |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| 18                                                                                                              |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| 19                                                                                                              |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| 20                                                                                                              |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |
| Notes:                                                                                                          |                   |                 |             |                                                                           |  |                       |  |  |  |  |  |

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| <div>AKRF, Inc.</div> <div>Environmental Consultants</div> <div>440 Park Avenue South, New York, NY 10016</div> |                   |                 |             | Rockefeller University, Manhattan, NY                                                                           |  | Boring No. <b>B-7</b> |  |
|                                                                                                                 |                   |                 |             | AKRF Project Number : 10757                                                                                     |  | Sheet 1 of 1          |  |
|                                                                                                                 |                   |                 |             | Drilling Method: Tractor-mounted Geoprobe 54TR                                                                  |  | Drilling              |  |
|                                                                                                                 |                   |                 |             | Sampling Method: 4-foot Macrocore                                                                               |  | Start                 |  |
|                                                                                                                 |                   |                 |             | Driller : Hydro Tech Environmental Corp.                                                                        |  | Time: 14:45           |  |
|                                                                                                                 |                   |                 |             | Weather: clear, ~80 F                                                                                           |  | Date: 5/24/07         |  |
|                                                                                                                 |                   |                 |             | Sampler: AKRF/ Robin Hughes                                                                                     |  | Time: 15:00           |  |
|                                                                                                                 |                   |                 |             | Date: 5/24/07                                                                                                   |  |                       |  |
| Depth (feet)                                                                                                    | Recovery (Inches) | Sample Location | PID Reading | Surface Condition: Asphalt                                                                                      |  |                       |  |
| 1                                                                                                               | 30"               | S-1             | 0.0 ppm     | Top 6 ": Asphalt                                                                                                |  |                       |  |
| 2                                                                                                               |                   |                 |             | Bottom > 6": Brown c-f SAND, trace silt, trace clay, trace brick pieces, trace mica, trace gravel (fill, moist) |  |                       |  |
| 3                                                                                                               |                   |                 |             | Soil Sample collected at 15:00 from 2-4 feet: B-7-2-4                                                           |  |                       |  |
| 4                                                                                                               |                   |                 |             |                                                                                                                 |  |                       |  |
| 5                                                                                                               |                   |                 |             | End of boring at 15:00 at 4 feet                                                                                |  |                       |  |
| 6                                                                                                               |                   |                 |             |                                                                                                                 |  |                       |  |
| 7                                                                                                               |                   |                 |             |                                                                                                                 |  |                       |  |
| 8                                                                                                               |                   |                 |             |                                                                                                                 |  |                       |  |
| 9                                                                                                               |                   |                 |             |                                                                                                                 |  |                       |  |
| 10                                                                                                              |                   |                 |             |                                                                                                                 |  |                       |  |
| 11                                                                                                              |                   |                 |             |                                                                                                                 |  |                       |  |
| 12                                                                                                              |                   |                 |             |                                                                                                                 |  |                       |  |
| 13                                                                                                              |                   |                 |             |                                                                                                                 |  |                       |  |
| 14                                                                                                              |                   |                 |             |                                                                                                                 |  |                       |  |
| 15                                                                                                              |                   |                 |             |                                                                                                                 |  |                       |  |
| 16                                                                                                              |                   |                 |             |                                                                                                                 |  |                       |  |
| 17                                                                                                              |                   |                 |             |                                                                                                                 |  |                       |  |
| 18                                                                                                              |                   |                 |             |                                                                                                                 |  |                       |  |
| 19                                                                                                              |                   |                 |             |                                                                                                                 |  |                       |  |
| 20                                                                                                              |                   |                 |             |                                                                                                                 |  |                       |  |
| Notes:                                                                                                          |                   |                 |             |                                                                                                                 |  |                       |  |

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| <div>AKRF, Inc.</div> <div>Environmental Consultants</div> <div>440 Park Avenue South, New York, NY 10016</div> |                   |                 |             | Rockefeller University, Manhattan, NY                |  | Boring No. <b>B-8</b> |  |
|                                                                                                                 |                   |                 |             | AKRF Project Number : 10757                          |  | Sheet 1 of 1          |  |
|                                                                                                                 |                   |                 |             | Drilling Method: Tractor-mounted Geoprobe 54TR       |  | Drilling              |  |
|                                                                                                                 |                   |                 |             | Sampling Method: 4-foot Macrocore                    |  | Start                 |  |
|                                                                                                                 |                   |                 |             | Driller : Hydro Tech Environmental Corp.             |  | Time: 14:10           |  |
|                                                                                                                 |                   |                 |             | Weather: clear, ~80 F                                |  | Date: 5/24/07         |  |
|                                                                                                                 |                   |                 |             | Sampler: AKRF/ Robin Hughes                          |  | Date: 5/24/07         |  |
| Depth (feet)                                                                                                    | Recovery (Inches) | Sample Location | PID Reading | Surface Condition: Concrete (5")                     |  |                       |  |
| 1                                                                                                               | 6"                | S-1             | 0.0 ppm     | Top 3": Concrete                                     |  |                       |  |
| 2                                                                                                               |                   |                 |             | Bottom 3": Brown c-f SAND, trace brick (fill, moist) |  |                       |  |
| 3                                                                                                               |                   |                 |             |                                                      |  |                       |  |
| 4                                                                                                               |                   |                 |             |                                                      |  |                       |  |
| Soil Sample collected at 14:30 from 3-5 feet: B-8-3-5                                                           |                   |                 |             |                                                      |  |                       |  |
| 5                                                                                                               | 3"                | S-2             | 0.0 ppm     | Brown c-f SAND, trace brick (fill, wet)              |  |                       |  |
| 6                                                                                                               |                   |                 |             |                                                      |  |                       |  |
| 7                                                                                                               |                   |                 |             |                                                      |  |                       |  |
| 8                                                                                                               |                   |                 |             |                                                      |  |                       |  |
| 9                                                                                                               |                   |                 |             | End of boring at 14:30 at 8 feet                     |  |                       |  |
| 10                                                                                                              |                   |                 |             |                                                      |  |                       |  |
| 11                                                                                                              |                   |                 |             |                                                      |  |                       |  |
| 12                                                                                                              |                   |                 |             |                                                      |  |                       |  |
| 13                                                                                                              |                   |                 |             |                                                      |  |                       |  |
| 14                                                                                                              |                   |                 |             |                                                      |  |                       |  |
| 15                                                                                                              |                   |                 |             |                                                      |  |                       |  |
| 16                                                                                                              |                   |                 |             |                                                      |  |                       |  |
| 17                                                                                                              |                   |                 |             |                                                      |  |                       |  |
| 18                                                                                                              |                   |                 |             |                                                      |  |                       |  |
| 19                                                                                                              |                   |                 |             |                                                      |  |                       |  |
| 20                                                                                                              |                   |                 |             |                                                      |  |                       |  |
| Notes:                                                                                                          |                   |                 |             |                                                      |  |                       |  |



|                                                                                                                 |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
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| <div>AKRF, Inc.</div> <div>Environmental Consultants</div> <div>440 Park Avenue South, New York, NY 10016</div> |                   |                 |             | Rockefeller University, Manhattan, NY                                                                                                                   |  | Boring No. <b>B-9</b> |  |               |
|                                                                                                                 |                   |                 |             | AKRF Project Number : 10757                                                                                                                             |  | Sheet 1 of 1          |  |               |
|                                                                                                                 |                   |                 |             | Drilling Method: Tractor-mounted Geoprobe 54TR                                                                                                          |  | Drilling              |  |               |
|                                                                                                                 |                   |                 |             | Sampling Method: 4-foot Macrocore                                                                                                                       |  | Start                 |  | Finish        |
|                                                                                                                 |                   |                 |             | Driller : Hydro Tech Environmental Corp.                                                                                                                |  | Time: 13:15           |  | Time: 13:20   |
|                                                                                                                 |                   |                 |             | Weather: clear, ~80 F                                                                                                                                   |  | Date: 5/24/07         |  | Date: 5/24/07 |
|                                                                                                                 |                   |                 |             | Sampler: AKRF/ Robin Hughes                                                                                                                             |  |                       |  |               |
| Depth (feet)                                                                                                    | Recovery (Inches) | Sample Location | PID Reading | Surface Condition: White gravel (1/4-1/2-inch diameter) over black felt membrane                                                                        |  |                       |  |               |
| 1                                                                                                               | 18"               | S-1             | 0.0 ppm     | Top 2": White gravel                                                                                                                                    |  |                       |  |               |
| 2                                                                                                               |                   |                 |             | Bottom > 2": Brown c-f SAND, trace silt, trace clay, trace brick, trace gravel (fill, dry)<br><br>Soil Sample collected at 13:20 from 2-4 feet: B-9-2-4 |  |                       |  |               |
| 3                                                                                                               |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 4                                                                                                               |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 5                                                                                                               |                   |                 |             | End of boring at 13:20 at 4 feet                                                                                                                        |  |                       |  |               |
| 6                                                                                                               |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 7                                                                                                               |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 8                                                                                                               |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 9                                                                                                               |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 10                                                                                                              |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 11                                                                                                              |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 12                                                                                                              |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 13                                                                                                              |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 14                                                                                                              |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 15                                                                                                              |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 16                                                                                                              |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 17                                                                                                              |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 18                                                                                                              |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 19                                                                                                              |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| 20                                                                                                              |                   |                 |             |                                                                                                                                                         |  |                       |  |               |
| Notes:                                                                                                          |                   |                 |             |                                                                                                                                                         |  |                       |  |               |

|                                                                                                                 |                   |                 |             |                                                                                                                                             |  |                        |  |
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| <div>AKRF, Inc.</div> <div>Environmental Consultants</div> <div>440 Park Avenue South, New York, NY 10016</div> |                   |                 |             | Rockefeller University, Manhattan, NY                                                                                                       |  | Boring No. <b>B-10</b> |  |
|                                                                                                                 |                   |                 |             | AKRF Project Number : 10757                                                                                                                 |  | Sheet 1 of 1           |  |
|                                                                                                                 |                   |                 |             | Drilling Method: Tractor-mounted Geoprobe 54TR                                                                                              |  | Drilling               |  |
|                                                                                                                 |                   |                 |             | Sampling Method: 4-foot Macrocore                                                                                                           |  | Start                  |  |
|                                                                                                                 |                   |                 |             | Driller : Hydro Tech Environmental Corp.                                                                                                    |  | Time: 13:05            |  |
|                                                                                                                 |                   |                 |             | Weather: clear, ~80 F                                                                                                                       |  | Date: 5/24/07          |  |
|                                                                                                                 |                   |                 |             | Sampler: AKRF/ Robin Hughes                                                                                                                 |  | Time: 13:10            |  |
|                                                                                                                 |                   |                 |             | Date: 5/24/07                                                                                                                               |  |                        |  |
| Depth (feet)                                                                                                    | Recovery (Inches) | Sample Location | PID Reading | Surface Condition: White gravel (1/4-1/2-inch diameter) over black felt membrane                                                            |  |                        |  |
| 1                                                                                                               | 24"               | S-1             | 0.0 ppm     | Brown c-f SAND, trace silt, trace clay, trace brick, trace gravel (fill, dry)<br><br>Soil Sample collected at 13:10 from 2-4 feet: B-10-2-4 |  |                        |  |
| 2                                                                                                               |                   |                 |             |                                                                                                                                             |  |                        |  |
| 3                                                                                                               |                   |                 |             |                                                                                                                                             |  |                        |  |
| 4                                                                                                               |                   |                 |             |                                                                                                                                             |  |                        |  |
| 5                                                                                                               |                   |                 |             | End of boring at 13:10 at 4 feet                                                                                                            |  |                        |  |
| 6                                                                                                               |                   |                 |             |                                                                                                                                             |  |                        |  |
| 7                                                                                                               |                   |                 |             |                                                                                                                                             |  |                        |  |
| 8                                                                                                               |                   |                 |             |                                                                                                                                             |  |                        |  |
| 9                                                                                                               |                   |                 |             |                                                                                                                                             |  |                        |  |
| 10                                                                                                              |                   |                 |             |                                                                                                                                             |  |                        |  |
| 11                                                                                                              |                   |                 |             |                                                                                                                                             |  |                        |  |
| 12                                                                                                              |                   |                 |             |                                                                                                                                             |  |                        |  |
| 13                                                                                                              |                   |                 |             |                                                                                                                                             |  |                        |  |
| 14                                                                                                              |                   |                 |             |                                                                                                                                             |  |                        |  |
| 15                                                                                                              |                   |                 |             |                                                                                                                                             |  |                        |  |
| 16                                                                                                              |                   |                 |             |                                                                                                                                             |  |                        |  |
| 17                                                                                                              |                   |                 |             |                                                                                                                                             |  |                        |  |
| 18                                                                                                              |                   |                 |             |                                                                                                                                             |  |                        |  |
| 19                                                                                                              |                   |                 |             |                                                                                                                                             |  |                        |  |
| 20                                                                                                              |                   |                 |             |                                                                                                                                             |  |                        |  |
| Notes:                                                                                                          |                   |                 |             |                                                                                                                                             |  |                        |  |

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| <b>AKRF, Inc.</b>                                                          |                   |                 |             | Rockefeller University, Manhattan, NY                                                             |  | Boring No. <b>B-11</b> |  |
|                                                                            |                   |                 |             | AKRF Project Number : 10757                                                                       |  | Sheet 1 of 1           |  |
| Environmental Consultants<br><br>440 Park Avenue South, New York, NY 10016 |                   |                 |             | Drilling Method: Tractor-mounted Geoprobe 54TR                                                    |  | Drilling               |  |
|                                                                            |                   |                 |             | Sampling Method: 4-foot Macrocore                                                                 |  | Start                  |  |
|                                                                            |                   |                 |             | Driller : Hydro Tech Environmental Corp.                                                          |  | Time: 13:30            |  |
|                                                                            |                   |                 |             | Weather: clear, ~80 F                                                                             |  | Date: 5/24/07          |  |
|                                                                            |                   |                 |             | Sampler: AKRF/ Robin Hughes                                                                       |  | Date: 5/24/07          |  |
| Depth (feet)                                                               | Recovery (Inches) | Sample Location | PID Reading | Surface Condition: Asphalt                                                                        |  |                        |  |
| 1                                                                          | 42"               | S-1             | 0.0 ppm     | Top 6": Asphalt                                                                                   |  |                        |  |
| 2                                                                          |                   |                 |             | Center 12": C-f Gravel                                                                            |  |                        |  |
| 3                                                                          |                   |                 |             | Bottom >18": Brown c-f SAND, trace brick, trace gravel, trace silt, trace rock pieces (fill, dry) |  |                        |  |
| 4                                                                          |                   |                 |             | Soil Sample collected at 13:35 from 2-4 feet: B-11-2-4                                            |  |                        |  |
| 5                                                                          |                   |                 |             | End of boring at 13:35 at 4 feet                                                                  |  |                        |  |
| 6                                                                          |                   |                 |             |                                                                                                   |  |                        |  |
| 7                                                                          |                   |                 |             |                                                                                                   |  |                        |  |
| 8                                                                          |                   |                 |             |                                                                                                   |  |                        |  |
| 9                                                                          |                   |                 |             |                                                                                                   |  |                        |  |
| 10                                                                         |                   |                 |             |                                                                                                   |  |                        |  |
| 11                                                                         |                   |                 |             |                                                                                                   |  |                        |  |
| 12                                                                         |                   |                 |             |                                                                                                   |  |                        |  |
| 13                                                                         |                   |                 |             |                                                                                                   |  |                        |  |
| 14                                                                         |                   |                 |             |                                                                                                   |  |                        |  |
| 15                                                                         |                   |                 |             |                                                                                                   |  |                        |  |
| 16                                                                         |                   |                 |             |                                                                                                   |  |                        |  |
| 17                                                                         |                   |                 |             |                                                                                                   |  |                        |  |
| 18                                                                         |                   |                 |             |                                                                                                   |  |                        |  |
| 19                                                                         |                   |                 |             |                                                                                                   |  |                        |  |
| 20                                                                         |                   |                 |             |                                                                                                   |  |                        |  |
| Notes:                                                                     |                   |                 |             |                                                                                                   |  |                        |  |

|                                                                            |                   |                 |             |                                                                                                                                |  |                 |  |               |
|----------------------------------------------------------------------------|-------------------|-----------------|-------------|--------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--|---------------|
| AKRF, Inc.                                                                 |                   |                 |             | Rockefeller University, Manhattan, NY                                                                                          |  | Boring No. B-12 |  |               |
|                                                                            |                   |                 |             | AKRF Project Number : 10757                                                                                                    |  | Sheet 1 of 1    |  |               |
| Environmental Consultants<br><br>440 Park Avenue South, New York, NY 10016 |                   |                 |             | Drilling Method: Tractor-mounted Geoprobe 54TR                                                                                 |  | Drilling        |  |               |
|                                                                            |                   |                 |             | Sampling Method: 4-foot Macrocore                                                                                              |  | Start           |  | Finish        |
|                                                                            |                   |                 |             | Driller : Hydro Tech Environmental Corp.                                                                                       |  | Time: 8:15      |  | Time: 9:05    |
|                                                                            |                   |                 |             | Weather: clear, ~70 F                                                                                                          |  | Date: 5/24/07   |  | Date: 5/24/07 |
|                                                                            |                   |                 |             | Sampler: AKRF/ Robin Hughes                                                                                                    |  |                 |  |               |
| Depth (feet)                                                               | Recovery (Inches) | Sample Location | PID Reading | Surface Condition: Asphalt                                                                                                     |  |                 |  |               |
| 1                                                                          | 36"               | S-1             | NA          | Top 3": Asphalt                                                                                                                |  |                 |  |               |
| 2                                                                          |                   |                 |             | Center 9": Darkbrown m-f SAND, trace silt, trace clay (fill, dry)                                                              |  |                 |  |               |
| 3                                                                          |                   |                 |             | Bottom >12": Brown c-f SAND, trace gravel, trace brick, trace clay (fill, dry)                                                 |  |                 |  |               |
| 4                                                                          |                   |                 |             |                                                                                                                                |  |                 |  |               |
| 5                                                                          | 44"               | S-2             | NA          | Top 42": Brown c-f SAND, trace silt, trace clay, trace gravel, trace rock pieces (fill, dry, few spots with slight dark stain) |  |                 |  |               |
| 6                                                                          |                   |                 |             | Soil Sample collected at 8:45 from 5-7 feet: B-12-5-7                                                                          |  |                 |  |               |
| 7                                                                          |                   |                 |             |                                                                                                                                |  |                 |  |               |
| 8                                                                          |                   |                 |             | Bottom > 42": Brown clayey SILT, some fine sand (native, dry)                                                                  |  |                 |  |               |
| 9                                                                          | 48"               | S-3             | NA          | Top 16": Brown c-f SAND, trace clay, trace silt, trace gravel (slough, dry)                                                    |  |                 |  |               |
| 10                                                                         |                   |                 |             | Center 8": Brown clayey SILT and fine sand (native, dry)                                                                       |  |                 |  |               |
| 11                                                                         |                   |                 |             | Bottom > 24": Brown c-f SAND, trace silt, trace mica (native, dry)                                                             |  |                 |  |               |
| 12                                                                         |                   |                 |             |                                                                                                                                |  |                 |  |               |
| 13                                                                         | 48"               | S-4             | NA          | Top 30": Brown medium-fine silty SAND, trace mica (native, dry)                                                                |  |                 |  |               |
| 14                                                                         |                   |                 |             | Soil Sample collected at 9:00 from 13-15 feet: B-12-13-15                                                                      |  |                 |  |               |
| 15                                                                         |                   |                 |             | Bottom 18": Brown DECOMPOSED ROCK (mica shist, dry)                                                                            |  |                 |  |               |
| 16                                                                         |                   |                 |             |                                                                                                                                |  |                 |  |               |
| 17                                                                         | 48"               | S-5             | NA          | Groundwater at approximately 17 feet.                                                                                          |  |                 |  |               |
| 18                                                                         |                   |                 |             | Grey-brown DECOMPOSED ROCK (mica shist, wet)                                                                                   |  |                 |  |               |
| 19                                                                         |                   |                 |             |                                                                                                                                |  |                 |  |               |
| 20                                                                         |                   |                 |             |                                                                                                                                |  |                 |  |               |
| Notes:                                                                     |                   |                 |             | End of boring at 9:05 at 20 feet                                                                                               |  |                 |  |               |
| PID malfunctioning                                                         |                   |                 |             |                                                                                                                                |  |                 |  |               |

|                                                                            |                   |                 |             |                                                                                                                             |  |                        |  |               |  |
|----------------------------------------------------------------------------|-------------------|-----------------|-------------|-----------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|---------------|--|
| <h1>AKRF, Inc.</h1>                                                        |                   |                 |             | Rockefeller University, Manhattan, NY                                                                                       |  | Boring No. <b>B-13</b> |  |               |  |
|                                                                            |                   |                 |             | AKRF Project Number : 10757                                                                                                 |  | Sheet 1 of 1           |  |               |  |
| Environmental Consultants<br><br>440 Park Avenue South, New York, NY 10016 |                   |                 |             | Drilling Method: Tractor-mounted Geoprobe 54TR                                                                              |  | Drilling               |  |               |  |
|                                                                            |                   |                 |             | Sampling Method: 4-foot Macrocore                                                                                           |  | Start                  |  | Finish        |  |
|                                                                            |                   |                 |             | Driller : Hydro Tech Environmental Corp.                                                                                    |  | Time: 10:20            |  | Time: 11:30   |  |
|                                                                            |                   |                 |             | Weather: clear, ~75 F                                                                                                       |  | Date: 5/24/07          |  | Date: 5/24/07 |  |
|                                                                            |                   |                 |             | Sampler: AKRF/ Robin Hughes                                                                                                 |  |                        |  |               |  |
| Depth (feet)                                                               | Recovery (Inches) | Sample Location | PID Reading | Surface Condition: Asphalt                                                                                                  |  |                        |  |               |  |
| 1                                                                          | 33"               | S-1             | 0.0 ppm     | Top 6": Asphalt and gravel                                                                                                  |  |                        |  |               |  |
| 2                                                                          |                   |                 |             | Center 6": Darkbrown c-f SAND (fill, dry)                                                                                   |  |                        |  |               |  |
| 3                                                                          |                   |                 |             | Bottom >12": Brown m-f SAND, trace silt, trace brick, trace gravel, trace mica (fill, dry, no odor, few slight dark stains) |  |                        |  |               |  |
| 4                                                                          |                   |                 |             |                                                                                                                             |  |                        |  |               |  |
| 5                                                                          | 40"               | S-2             | 0.0 ppm     | Top 36": Brown m-f SAND, trace coarse sand, trace brick, trace gravel (fill, dry)                                           |  |                        |  |               |  |
| 6                                                                          |                   |                 |             | Soil Sample collected at 11:20 from 6-8 feet: B-13-6-8                                                                      |  |                        |  |               |  |
| 7                                                                          |                   |                 |             | Bottom > 36": Brown c-f SAND, trace silt, trace clay some fine sand (native, dry)                                           |  |                        |  |               |  |
| 8                                                                          |                   |                 |             |                                                                                                                             |  |                        |  |               |  |
| 9                                                                          | 48"               | S-3             | 0.0 ppm     | Top 4": Brown c-f Sand, trace brick (Slough)                                                                                |  |                        |  |               |  |
| 10                                                                         |                   |                 |             | Center 26": Brown c-f SAND, trace silt, trace clay, trace rockpieces                                                        |  |                        |  |               |  |
| 11                                                                         |                   |                 |             | Borrom > 30": Brown DECOMPOSED ROCK (mica shist) and brown m-f SAND (moist)                                                 |  |                        |  |               |  |
| 12                                                                         |                   |                 |             | Soil Sample collected at 11:30 from 10-12 feet: B-13-10-12                                                                  |  |                        |  |               |  |
|                                                                            |                   |                 |             | Groundwater at approximately 12 feet.                                                                                       |  |                        |  |               |  |
| 13                                                                         |                   |                 |             | Refusal and end of boring at 11:30 at 12 feet. Prior refusals at 6 feet, 10 feet, and 9 feet.                               |  |                        |  |               |  |
| 14                                                                         |                   |                 |             |                                                                                                                             |  |                        |  |               |  |
| 15                                                                         |                   |                 |             |                                                                                                                             |  |                        |  |               |  |
| 16                                                                         |                   |                 |             |                                                                                                                             |  |                        |  |               |  |
| 17                                                                         |                   |                 |             |                                                                                                                             |  |                        |  |               |  |
| 18                                                                         |                   |                 |             |                                                                                                                             |  |                        |  |               |  |
| 19                                                                         |                   |                 |             |                                                                                                                             |  |                        |  |               |  |
| 20                                                                         |                   |                 |             |                                                                                                                             |  |                        |  |               |  |
| Notes:                                                                     |                   |                 |             |                                                                                                                             |  |                        |  |               |  |

|                                                                                                                 |                   |                 |             |                                                                    |  |                        |  |
|-----------------------------------------------------------------------------------------------------------------|-------------------|-----------------|-------------|--------------------------------------------------------------------|--|------------------------|--|
| <div>AKRF, Inc.</div> <div>Environmental Consultants</div> <div>440 Park Avenue South, New York, NY 10016</div> |                   |                 |             | Rockefeller University, Manhattan, NY                              |  | Boring No. <b>B-14</b> |  |
|                                                                                                                 |                   |                 |             | AKRF Project Number : 10757                                        |  | Sheet 1 of 1           |  |
|                                                                                                                 |                   |                 |             | Drilling Method: Tractor-mounted Geoprobe 54TR                     |  | Drilling               |  |
|                                                                                                                 |                   |                 |             | Sampling Method: 4-foot Macrocore                                  |  | Start                  |  |
|                                                                                                                 |                   |                 |             | Driller : Hydro Tech Environmental Corp.                           |  | Time: 15:05            |  |
|                                                                                                                 |                   |                 |             | Weather: clear, ~80 F                                              |  | Date: 5/24/07          |  |
|                                                                                                                 |                   |                 |             | Sampler: AKRF/ Robin Hughes                                        |  | Date: 5/24/07          |  |
| Depth (feet)                                                                                                    | Recovery (Inches) | Sample Location | PID Reading | Surface Condition: Concrete                                        |  |                        |  |
| 1                                                                                                               | 18"               | S-1             | 0.0 ppm     | Top 4": Concrete                                                   |  |                        |  |
| 2                                                                                                               |                   |                 |             | Center 6": Red BRICK                                               |  |                        |  |
| 3                                                                                                               |                   |                 |             | Bottom >10": Brown c-f SAND, trace brick, trace gravel (fill, dry) |  |                        |  |
| 4                                                                                                               |                   |                 |             | Soil Sample collected at 15:20 from 3-5 feet: B-14-3-5             |  |                        |  |
| 5                                                                                                               | 12"               | S-2             | 0.0 ppm     | Brown c-f SAND, some brick                                         |  |                        |  |
| 6                                                                                                               |                   |                 |             |                                                                    |  |                        |  |
| 7                                                                                                               |                   |                 |             |                                                                    |  |                        |  |
| 8                                                                                                               |                   |                 |             |                                                                    |  |                        |  |
| 9                                                                                                               |                   |                 |             | End of boring at 15:20 at 8 feet                                   |  |                        |  |
| 10                                                                                                              |                   |                 |             |                                                                    |  |                        |  |
| 11                                                                                                              |                   |                 |             |                                                                    |  |                        |  |
| 12                                                                                                              |                   |                 |             |                                                                    |  |                        |  |
| 13                                                                                                              |                   |                 |             |                                                                    |  |                        |  |
| 14                                                                                                              |                   |                 |             |                                                                    |  |                        |  |
| 15                                                                                                              |                   |                 |             |                                                                    |  |                        |  |
| 16                                                                                                              |                   |                 |             |                                                                    |  |                        |  |
| 17                                                                                                              |                   |                 |             |                                                                    |  |                        |  |
| 18                                                                                                              |                   |                 |             |                                                                    |  |                        |  |
| 19                                                                                                              |                   |                 |             |                                                                    |  |                        |  |
| 20                                                                                                              |                   |                 |             |                                                                    |  |                        |  |
| Notes:                                                                                                          |                   |                 |             |                                                                    |  |                        |  |

**APPENDIX B**  
**LABORATORY ANALYTICAL DATA SHEETS**

## CHAIN OF CUSTODY RECORD

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Y2852

061323

**WHITE - CHEMTECH COPY FOR RETURN TO CLIENT      YELLOW - CHEMTECH COPY      PINK - SAMPLER COPY**





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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/23/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/23/07</b> |
| <b>Customer Sample No.:</b> | <b>B-1-2-4</b>                        | <b>Lab Sample ID:</b>  | <b>Y2852-01</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2852</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>1.00</b>     |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>052607B</b>  |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | 0.007   | J         | mg/Kg | 0.003 | 0.010 | 1  |        |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/23/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/23/07</b> |
| <b>Customer Sample No.:</b> | <b>B-1-2-4</b>                        | <b>Lab Sample ID:</b>  | <b>Y2852-01</b> |
| <b>Test:</b>                | <b>Metals ICP-TAL</b>                 | <b>SDG ID:</b>         | <b>Y2852</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 6010 - ICP1</b>         | <b>% Moisture:</b>     | <b>1.00</b>     |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>P1052907</b> |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 6830    |           | mg/Kg | 0.890 | 5.000 | 1  |        |
| 7440-36-0  | Antimony  | ND      | UN        | mg/Kg | 0.340 | 2.500 | 1  |        |
| 7440-38-2  | Arsenic   | ND      | U         | mg/Kg | 0.200 | 1.000 | 1  |        |
| 7440-39-3  | Barium    | 75.3    |           | mg/Kg | 0.150 | 5.000 | 1  |        |
| 7440-41-7  | Beryllium | 0.145   | J         | mg/Kg | 0.010 | 0.300 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | mg/Kg | 0.060 | 0.300 | 1  |        |
| 7440-70-2  | Calcium   | 1100    |           | mg/Kg | 1.710 | 100   | 1  |        |
| 7440-47-3  | Chromium  | 16.2    |           | mg/Kg | 0.110 | 0.500 | 1  |        |
| 7440-48-4  | Cobalt    | 17.1    |           | mg/Kg | 0.140 | 1.500 | 1  |        |
| 7440-50-8  | Copper    | 67.4    |           | mg/Kg | 0.130 | 1.000 | 1  |        |
| 7439-89-6  | Iron      | 16300   |           | mg/Kg | 2.670 | 5.000 | 1  |        |
| 7439-92-1  | Lead      | 2.110   |           | mg/Kg | 0.140 | 0.600 | 1  |        |
| 7439-95-4  | Magnesium | 3970    |           | mg/Kg | 1.730 | 100   | 1  |        |
| 7439-96-5  | Manganese | 111     |           | mg/Kg | 0.060 | 1.000 | 1  |        |
| 7440-02-0  | Nickel    | 41.5    |           | mg/Kg | 0.120 | 2.000 | 1  |        |
| 7440-09-7  | Potassium | 5480    |           | mg/Kg | 22.0  | 100   | 1  |        |
| 7782-49-2  | Selenium  | 0.578   | J         | mg/Kg | 0.180 | 1.000 | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | mg/Kg | 0.180 | 0.500 | 1  |        |
| 7440-23-5  | Sodium    | 46.0    | J         | mg/Kg | 28.9  | 100   | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | mg/Kg | 1.890 | 2.000 | 1  |        |
| 7440-62-2  | Vanadium  | 40.0    |           | mg/Kg | 0.150 | 2.000 | 1  |        |
| 7440-66-6  | Zinc      | 53.7    |           | mg/Kg | 1.070 | 2.000 | 1  |        |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/23/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/23/07

**Customer Sample No.:** B-1-2-4

**Lab Sample ID:** Y2852-01

**Test:** PCB

**SDG ID:** Y2852

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 1.00

**Result Type:** Final

**Datafile:** P6004235

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 2.5 | 17    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 4.0 | 17    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 5.9 | 17    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 5.3 | 17    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 2.6 | 17    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 1.7 | 17    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 4.2 | 17    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-1-2-4                        | Lab Sample ID:  | Y2852-01 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 1.00     |
| Result Type:         | Final                          | Datafile:       | P1006164 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.64 | 1.7   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 0.87 | 1.7   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 1.6  | 1.7   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.72 | 1.7   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 0.93 | 1.7   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.2  | 1.7   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.1  | 1.7   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 0.88 | 1.7   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 0.82 | 1.7   | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/Kg | 0.78 | 1.7   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 0.85 | 1.7   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 0.94 | 1.7   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.70 | 1.7   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.1  | 1.7   | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/Kg | 0.72 | 1.7   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 0.86 | 1.7   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 0.82 | 1.7   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.0  | 1.7   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/Kg | 0.83 | 1.7   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 0.87 | 1.7   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 3.6  | 17    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-1-2-4                        | Lab Sample ID:  | Y2852-01 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 1.00     |
| Result Type:         | Final                          | Datafile:       | BB038083 |

| CAS Number | Parameter                   | Results | Qualifier | Units | DL | RT/RL | DF | DIL/RI |
|------------|-----------------------------|---------|-----------|-------|----|-------|----|--------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug/Kg | 68 | 330   | 1  |        |
| 108-95-2   | Phenol                      | ND      | U         | ug/Kg | 50 | 330   | 1  |        |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug/Kg | 52 | 330   | 1  |        |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug/Kg | 53 | 330   | 1  |        |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug/Kg | 55 | 330   | 1  |        |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug/Kg | 53 | 330   | 1  |        |
| 98-86-2    | Acetophenone                | ND      | U         | ug/Kg | 49 | 330   | 1  |        |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug/Kg | 52 | 330   | 1  |        |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug/Kg | 55 | 330   | 1  |        |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug/Kg | 56 | 330   | 1  |        |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug/Kg | 72 | 330   | 1  |        |
| 78-59-1    | Isophorone                  | ND      | U         | ug/Kg | 50 | 330   | 1  |        |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug/Kg | 51 | 330   | 1  |        |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug/Kg | 53 | 330   | 1  |        |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug/Kg | 55 | 330   | 1  |        |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug/Kg | 61 | 330   | 1  |        |
| 91-20-3    | Naphthalene                 | ND      | U         | ug/Kg | 57 | 330   | 1  |        |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug/Kg | 40 | 330   | 1  |        |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug/Kg | 51 | 330   | 1  |        |
| 105-60-2   | Caprolactam                 | ND      | U         | ug/Kg | 53 | 330   | 1  |        |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug/Kg | 46 | 330   | 1  |        |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug/Kg | 55 | 330   | 1  |        |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug/Kg | 53 | 330   | 1  |        |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug/Kg | 49 | 330   | 1  |        |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug/Kg | 51 | 830   | 1  |        |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug/Kg | 55 | 330   | 1  |        |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug/Kg | 55 | 330   | 1  |        |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug/Kg | 42 | 830   | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-1-2-4                        | Lab Sample ID:  | Y2852-01 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 1.00     |
| Result Type:         | Final                          | DataFile:       | BB038083 |

| CAS Number | Parameter                  | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RI |
|------------|----------------------------|---------|-----------|---------|-----|-------|----|--------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug / Kg | 53  | 330   | 1  |        |
| 208-96-8   | Acenaphthylene             | ND      | U         | ug / Kg | 54  | 330   | 1  |        |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug / Kg | 47  | 330   | 1  |        |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug / Kg | 43  | 830   | 1  |        |
| 83-32-9    | Acenaphthene               | ND      | U         | ug / Kg | 59  | 330   | 1  |        |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug / Kg | 280 | 830   | 1  |        |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug / Kg | 41  | 830   | 1  |        |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug / Kg | 55  | 330   | 1  |        |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug / Kg | 49  | 330   | 1  |        |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug / Kg | 57  | 330   | 1  |        |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug / Kg | 52  | 330   | 1  |        |
| 86-73-7    | Fluorene                   | ND      | U         | ug / Kg | 56  | 330   | 1  |        |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug / Kg | 57  | 830   | 1  |        |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug / Kg | 64  | 830   | 1  |        |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug / Kg | 55  | 330   | 1  |        |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug / Kg | 50  | 330   | 1  |        |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug / Kg | 53  | 330   | 1  |        |
| 1912-24-9  | Atrazine                   | ND      | U         | ug / Kg | 51  | 330   | 1  |        |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug / Kg | 77  | 830   | 1  |        |
| 85-01-8    | Phenanthrene               | ND      | U         | ug / Kg | 53  | 330   | 1  |        |
| 120-12-7   | Anthracene                 | ND      | U         | ug / Kg | 50  | 330   | 1  |        |
| 86-74-8    | Carbazole                  | ND      | U         | ug / Kg | 51  | 330   | 1  |        |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug / Kg | 51  | 330   | 1  |        |
| 206-44-0   | Fluoranthene               | ND      | U         | ug / Kg | 49  | 330   | 1  |        |
| 129-00-0   | Pyrene                     | ND      | U         | ug / Kg | 59  | 330   | 1  |        |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug / Kg | 54  | 330   | 1  |        |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug / Kg | 57  | 330   | 1  |        |
| 56-55-3    | Benzo(a)anthracene         | ND      | U         | ug / Kg | 46  | 330   | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-1-2-4                        | Lab Sample ID:  | Y2852-01 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 1.00     |
| Result Type:         | Final                          | DataFile:       | BB038083 |

| CAS Number | Parameter                  | Results | Qualifier | Units   | DL | RT/RL | DF | DIL/RI |
|------------|----------------------------|---------|-----------|---------|----|-------|----|--------|
| 218-01-9   | Chrysene                   | ND      | U         | ug / Kg | 60 | 330   | 1  |        |
| 117-81-7   | bis(2-Ethylhexyl)phthalate | ND      | U         | ug / Kg | 64 | 330   | 1  |        |
| 117-84-0   | Di-n-octyl phthalate       | ND      | U         | ug / Kg | 56 | 330   | 1  |        |
| 205-99-2   | Benzo(b)fluoranthene       | ND      | U         | ug / Kg | 37 | 330   | 1  |        |
| 207-08-9   | Benzo(k)fluoranthene       | ND      | U         | ug / Kg | 73 | 330   | 1  |        |
| 50-32-8    | Benzo(a)pyrene             | ND      | U         | ug / Kg | 53 | 330   | 1  |        |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | ND      | U         | ug / Kg | 42 | 330   | 1  |        |
| 53-70-3    | Dibenz(a,h)anthracene      | ND      | U         | ug / Kg | 42 | 330   | 1  |        |
| 191-24-2   | Benzo(g,h,i)perylene       | ND      | U         | ug / Kg | 55 | 330   | 1  |        |
|            | ACP3.23                    | 5500    | A         | ug / Kg | 0  | 0     | 1  | TIC    |
| 10544-50-0 | Cyclic octaatomic sulfur   | 390     | J         | ug / Kg | 0  | 0     | 1  | TIC    |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-1-2-4                        | Lab Sample ID:  | Y2852-01 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 1.00     |
| Result Type:         | Final                          | Datafile:       | VK017109 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 4.2 | 25    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 4.2 | 25    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 4.1 | 25    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 10  | 25    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 11  | 25    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 6.2 | 25    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 3.3 | 25    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 2.8 | 25    | 1  |       |
| 67-64-1    | Acetone                        | ND      | U         | ug / Kg | 17  | 120   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 1.8 | 25    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 1.8 | 25    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 4.3 | 25    | 1  |       |
| 75-09-2    | Methylene Chloride             | 29      |           | ug / Kg | 9.0 | 25    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.2 | 25    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.3 | 25    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 1.6 | 25    | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 14  | 120   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.2 | 25    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 1.6 | 25    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 1.7 | 25    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.1 | 25    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.1 | 25    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.0 | 25    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.5 | 25    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.5 | 25    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.0 | 25    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 1.7 | 25    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 9.8 | 120   | 1  |       |





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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/23/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/23/07</b> |
| <b>Customer Sample No.:</b> | <b>B-1-2-4</b>                        | <b>Lab Sample ID:</b>  | <b>Y2852-01</b> |
| <b>Test:</b>                | <b>VOC-TCLVOA-10</b>                  | <b>SDG ID:</b>         | <b>Y2852</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW846 8260</b>                 | <b>% Moisture:</b>     | <b>1.00</b>     |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>DataFile:</b>       | <b>VK017109</b> |

| CAS Number  | Parameter                   | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|---------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug / Kg | 2.0 | 25    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug / Kg | 1.8 | 25    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug / Kg | 1.6 | 25    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug / Kg | 1.5 | 25    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug / Kg | 18  | 120   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug / Kg | 1.1 | 25    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug / Kg | 2.0 | 25    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug / Kg | 3.6 | 25    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug / Kg | 1.8 | 25    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug / Kg | 1.8 | 25    | 1  |       |
| 126777-61-2 | m / p-Xylenes               | ND      | U         | ug / Kg | 4.3 | 50    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug / Kg | 1.9 | 25    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug / Kg | 2.3 | 25    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug / Kg | 1.5 | 25    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug / Kg | 2.1 | 25    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug / Kg | 1.5 | 25    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug / Kg | 2.8 | 25    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug / Kg | 2.7 | 25    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug / Kg | 1.9 | 25    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug / Kg | 4.7 | 25    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug / Kg | 3.4 | 25    | 1  |       |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/23/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/23/07</b> |
| <b>Customer Sample No.:</b> | <b>B-2-3-4</b>                        | <b>Lab Sample ID:</b>  | <b>Y2852-02</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2852</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>4.10</b>     |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>052607B</b>  |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | 0.110   |           | mg/Kg | 0.003 | 0.010 | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-2-3-4                        | Lab Sample ID:  | Y2852-02 |
| Test:                | Metals ICP-TAL                 | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 6010 - ICP1         | % Moisture:     | 4.10     |
| Result Type:         | Final                          | Datafile:       | P1052907 |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 5240    |           | mg/Kg | 0.928 | 5.210 | 1  |        |
| 7440-36-0  | Antimony  | ND      | UN        | mg/Kg | 0.355 | 2.610 | 1  |        |
| 7440-38-2  | Arsenic   | 4.080   |           | mg/Kg | 0.209 | 1.040 | 1  |        |
| 7440-39-3  | Barium    | 16.2    |           | mg/Kg | 0.156 | 5.210 | 1  |        |
| 7440-41-7  | Beryllium | 0.177   | J         | mg/Kg | 0.010 | 0.313 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | mg/Kg | 0.063 | 0.313 | 1  |        |
| 7440-70-2  | Calcium   | 423     |           | mg/Kg | 1.780 | 104   | 1  |        |
| 7440-47-3  | Chromium  | 12.7    |           | mg/Kg | 0.115 | 0.521 | 1  |        |
| 7440-48-4  | Cobalt    | 1.690   |           | mg/Kg | 0.146 | 1.560 | 1  |        |
| 7440-50-8  | Copper    | 4.230   |           | mg/Kg | 0.136 | 1.040 | 1  |        |
| 7439-89-6  | Iron      | 9700    |           | mg/Kg | 2.780 | 5.210 | 1  |        |
| 7439-92-1  | Lead      | 8.580   |           | mg/Kg | 0.146 | 0.626 | 1  |        |
| 7439-95-4  | Magnesium | 504     |           | mg/Kg | 1.800 | 104   | 1  |        |
| 7439-96-5  | Manganese | 48.9    |           | mg/Kg | 0.063 | 1.040 | 1  |        |
| 7440-02-0  | Nickel    | 9.040   |           | mg/Kg | 0.125 | 2.090 | 1  |        |
| 7440-09-7  | Potassium | 310     |           | mg/Kg | 22.9  | 104   | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | mg/Kg | 0.188 | 1.040 | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | mg/Kg | 0.188 | 0.521 | 1  |        |
| 7440-23-5  | Sodium    | 204     |           | mg/Kg | 30.1  | 104   | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | mg/Kg | 1.970 | 2.090 | 1  |        |
| 7440-62-2  | Vanadium  | 14.9    |           | mg/Kg | 0.156 | 2.090 | 1  |        |
| 7440-66-6  | Zinc      | 15.8    |           | mg/Kg | 1.120 | 2.090 | 1  |        |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/23/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/23/07

**Customer Sample No.:** B-2-3-4

**Lab Sample ID:** Y2852-02

**Test:** PCB

**SDG ID:** Y2852

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 4.00

**Result Type:** Final

**Datafile:** P6004236

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 2.6 | 18    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 4.1 | 18    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 6.1 | 18    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 5.4 | 18    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 2.6 | 18    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 1.7 | 18    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 4.4 | 18    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-2-3-4                        | Lab Sample ID:  | Y2852-02 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 4.00     |
| Result Type:         | Final                          | Datafile:       | P1006165 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.66 | 1.8   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 0.90 | 1.8   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 1.7  | 1.8   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.74 | 1.8   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 0.96 | 1.8   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.3  | 1.8   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.1  | 1.8   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 0.91 | 1.8   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 0.85 | 1.8   | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/Kg | 0.81 | 1.8   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 0.88 | 1.8   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 0.97 | 1.8   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.72 | 1.8   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.1  | 1.8   | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/Kg | 0.74 | 1.8   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 0.89 | 1.8   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 0.85 | 1.8   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.0  | 1.8   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/Kg | 0.86 | 1.8   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 0.90 | 1.8   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 3.7  | 18    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-2-3-4                        | Lab Sample ID:  | Y2852-02 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 4.00     |
| Result Type:         | Final                          | Datafile:       | BA032190 |

| CAS Number | Parameter                   | Results | Qualifier | Units | DL | RT/RL | DF | DIL/RI |
|------------|-----------------------------|---------|-----------|-------|----|-------|----|--------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug/Kg | 70 | 340   | 1  |        |
| 108-95-2   | Phenol                      | ND      | U         | ug/Kg | 52 | 340   | 1  |        |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug/Kg | 54 | 340   | 1  |        |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug/Kg | 55 | 340   | 1  |        |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug/Kg | 57 | 340   | 1  |        |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug/Kg | 55 | 340   | 1  |        |
| 98-86-2    | Acetophenone                | ND      | U         | ug/Kg | 50 | 340   | 1  |        |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug/Kg | 54 | 340   | 1  |        |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug/Kg | 57 | 340   | 1  |        |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug/Kg | 58 | 340   | 1  |        |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug/Kg | 75 | 340   | 1  |        |
| 78-59-1    | Isophorone                  | ND      | U         | ug/Kg | 51 | 340   | 1  |        |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug/Kg | 53 | 340   | 1  |        |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug/Kg | 54 | 340   | 1  |        |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug/Kg | 56 | 340   | 1  |        |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug/Kg | 63 | 340   | 1  |        |
| 91-20-3    | Naphthalene                 | ND      | U         | ug/Kg | 59 | 340   | 1  |        |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug/Kg | 41 | 340   | 1  |        |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug/Kg | 53 | 340   | 1  |        |
| 105-60-2   | Caprolactam                 | ND      | U         | ug/Kg | 55 | 340   | 1  |        |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug/Kg | 47 | 340   | 1  |        |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug/Kg | 57 | 340   | 1  |        |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug/Kg | 55 | 340   | 1  |        |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug/Kg | 50 | 340   | 1  |        |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug/Kg | 52 | 860   | 1  |        |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug/Kg | 56 | 340   | 1  |        |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug/Kg | 57 | 340   | 1  |        |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug/Kg | 44 | 860   | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-2-3-4                        | Lab Sample ID:  | Y2852-02 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 4.00     |
| Result Type:         | Final                          | DataFile:       | BA032190 |

| CAS Number | Parameter                  | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RI |
|------------|----------------------------|---------|-----------|---------|-----|-------|----|--------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug / Kg | 55  | 340   | 1  |        |
| 208-96-8   | Acenaphthylene             | ND      | U         | ug / Kg | 56  | 340   | 1  |        |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug / Kg | 48  | 340   | 1  |        |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug / Kg | 45  | 860   | 1  |        |
| 83-32-9    | Acenaphthene               | 78      | J         | ug / Kg | 61  | 340   | 1  |        |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug / Kg | 290 | 860   | 1  |        |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug / Kg | 42  | 860   | 1  |        |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug / Kg | 57  | 340   | 1  |        |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug / Kg | 50  | 340   | 1  |        |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug / Kg | 59  | 340   | 1  |        |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug / Kg | 54  | 340   | 1  |        |
| 86-73-7    | Fluorene                   | 73      | J         | ug / Kg | 58  | 340   | 1  |        |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug / Kg | 59  | 860   | 1  |        |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug / Kg | 67  | 860   | 1  |        |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug / Kg | 56  | 340   | 1  |        |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug / Kg | 51  | 340   | 1  |        |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug / Kg | 55  | 340   | 1  |        |
| 1912-24-9  | Atrazine                   | ND      | U         | ug / Kg | 53  | 340   | 1  |        |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug / Kg | 79  | 860   | 1  |        |
| 85-01-8    | Phenanthrene               | 930     |           | ug / Kg | 55  | 340   | 1  |        |
| 120-12-7   | Anthracene                 | 190     | J         | ug / Kg | 52  | 340   | 1  |        |
| 86-74-8    | Carbazole                  | 64      | J         | ug / Kg | 52  | 340   | 1  |        |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug / Kg | 52  | 340   | 1  |        |
| 206-44-0   | Fluoranthene               | 990     |           | ug / Kg | 51  | 340   | 1  |        |
| 129-00-0   | Pyrene                     | 880     |           | ug / Kg | 61  | 340   | 1  |        |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug / Kg | 55  | 340   | 1  |        |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug / Kg | 59  | 340   | 1  |        |
| 56-55-3    | Benzo(a)anthracene         | 470     |           | ug / Kg | 48  | 340   | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-2-3-4                        | Lab Sample ID:  | Y2852-02 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 4.00     |
| Result Type:         | Final                          | DataFile:       | BA032190 |

| CAS Number | Parameter                          | Results | Qualifier | Units | DL | RT/RL | DF | DIL/R |
|------------|------------------------------------|---------|-----------|-------|----|-------|----|-------|
| 218-01-9   | Chrysene                           | 420     |           | ug/Kg | 62 | 340   | 1  |       |
| 117-81-7   | bis(2-Ethylhexyl)phthalate         | ND      | U         | ug/Kg | 66 | 340   | 1  |       |
| 117-84-0   | Di-n-octyl phthalate               | ND      | U         | ug/Kg | 58 | 340   | 1  |       |
| 205-99-2   | Benzo(b)fluoranthene               | 560     |           | ug/Kg | 38 | 340   | 1  |       |
| 207-08-9   | Benzo(k)fluoranthene               | 220     | J         | ug/Kg | 75 | 340   | 1  |       |
| 50-32-8    | Benzo(a)pyrene                     | 420     |           | ug/Kg | 55 | 340   | 1  |       |
| 193-39-5   | Indeno(1,2,3-cd)pyrene             | 210     | J         | ug/Kg | 44 | 340   | 1  |       |
| 53-70-3    | Dibenz(a,h)anthracene              | ND      | U         | ug/Kg | 43 | 340   | 1  |       |
| 191-24-2   | Benzo(g,h,i)perylene               | 270     | J         | ug/Kg | 57 | 340   | 1  |       |
| 4951-03-5  | 1,4,6-Trimethyl-1,2,3,4-tetrahydro | 95      | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 949-41-7   | 1H-Cyclopropa[l]phenanthrene,1a,9b | 93      | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 84-65-1    | 9,10-Anthracenedione               | 180     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | ACP4.11                            | 4700    | A         | ug/Kg | 0  | 0     | 1  | TIC   |
| 610-48-0   | Anthracene, 1-methyl-              | 170     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 90-60-8    | Benzaldehyde, 3,5-dichloro-2-hydro | 200     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 2531-84-2  | Phenanthrene, 2-methyl-            | 130     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 1576-67-6  | Phenanthrene, 3,6-dimethyl-        | 79      | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 3353-12-6  | Pyrene, 4-methyl-                  | 70      | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | unknown23.16                       | 87      | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | unknown23.61                       | 380     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | unknown23.97                       | 130     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | unknown27.03                       | 98      | J         | ug/Kg | 0  | 0     | 1  | TIC   |





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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-2-3-4                        | Lab Sample ID:  | Y2852-02 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 4.00     |
| Result Type:         | Final                          | Datafile:       | VK017110 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 4.5 | 26    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 4.4 | 26    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 4.3 | 26    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 11  | 26    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 11  | 26    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 6.5 | 26    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 3.5 | 26    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.0 | 26    | 1  |       |
| 67-64-1    | Acetone                        | ND      | U         | ug / Kg | 18  | 130   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 1.9 | 26    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 1.9 | 26    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 4.5 | 26    | 1  |       |
| 75-09-2    | Methylene Chloride             | 29      |           | ug / Kg | 9.5 | 26    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.3 | 26    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.4 | 26    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 1.7 | 26    | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 15  | 130   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.3 | 26    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 1.7 | 26    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 1.8 | 26    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.2 | 26    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.2 | 26    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.1 | 26    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.6 | 26    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.6 | 26    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.1 | 26    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 1.7 | 26    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 10  | 130   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-2-3-4                        | Lab Sample ID:  | Y2852-02 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 4.00     |
| Result Type:         | Final                          | DataFile:       | VK017110 |

| CAS Number  | Parameter                   | Results | Qualifier | Units | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|-------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug/Kg | 2.1 | 26    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug/Kg | 1.9 | 26    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug/Kg | 1.7 | 26    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug/Kg | 1.5 | 26    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug/Kg | 19  | 130   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug/Kg | 1.2 | 26    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug/Kg | 2.1 | 26    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug/Kg | 3.8 | 26    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug/Kg | 1.9 | 26    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug/Kg | 1.8 | 26    | 1  |       |
| 126777-61-2 | m/p-Xylenes                 | ND      | U         | ug/Kg | 4.5 | 52    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug/Kg | 2.0 | 26    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug/Kg | 2.4 | 26    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug/Kg | 1.6 | 26    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug/Kg | 2.2 | 26    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug/Kg | 1.6 | 26    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug/Kg | 2.9 | 26    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug/Kg | 2.8 | 26    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug/Kg | 2.0 | 26    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug/Kg | 4.9 | 26    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug/Kg | 3.6 | 26    | 1  |       |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/23/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/23/07</b> |
| <b>Customer Sample No.:</b> | <b>B-3-2-3</b>                        | <b>Lab Sample ID:</b>  | <b>Y2852-03</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2852</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>9.90</b>     |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>052607B</b>  |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | 0.287   |           | mg/Kg | 0.004 | 0.011 | 1  |        |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/23/07

Project ID: Rockefeller University # 10757

Date Received: 05/23/07

Customer Sample No.: B-3-2-3

Lab Sample ID: Y2852-03

Test: Metals ICP-TAL

SDG ID: Y2852

Analytical Method: EPA SW-846 6010 - ICP1

% Moisture: 9.90

Result Type: Final

Datafile: P1052907

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 16000   |           | mg/Kg | 0.988 | 5.550 | 1  |        |
| 7440-36-0  | Antimony  | ND      | UN        | mg/Kg | 0.377 | 2.770 | 1  |        |
| 7440-38-2  | Arsenic   | ND      | U         | mg/Kg | 0.222 | 1.110 | 1  |        |
| 7440-39-3  | Barium    | 252     |           | mg/Kg | 0.166 | 5.550 | 1  |        |
| 7440-41-7  | Beryllium | 0.351   |           | mg/Kg | 0.011 | 0.333 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | mg/Kg | 0.067 | 0.333 | 1  |        |
| 7440-70-2  | Calcium   | 12500   |           | mg/Kg | 1.900 | 111   | 1  |        |
| 7440-47-3  | Chromium  | 38.2    |           | mg/Kg | 0.122 | 0.555 | 1  |        |
| 7440-48-4  | Cobalt    | 18.1    |           | mg/Kg | 0.155 | 1.660 | 1  |        |
| 7440-50-8  | Copper    | 53.3    |           | mg/Kg | 0.144 | 1.110 | 1  |        |
| 7439-89-6  | Iron      | 24900   |           | mg/Kg | 2.960 | 5.550 | 1  |        |
| 7439-92-1  | Lead      | 453     |           | mg/Kg | 0.155 | 0.666 | 1  |        |
| 7439-95-4  | Magnesium | 8870    |           | mg/Kg | 1.920 | 111   | 1  |        |
| 7439-96-5  | Manganese | 321     |           | mg/Kg | 0.067 | 1.110 | 1  |        |
| 7440-02-0  | Nickel    | 35.6    |           | mg/Kg | 0.133 | 2.220 | 1  |        |
| 7440-09-7  | Potassium | 11100   |           | mg/Kg | 24.4  | 111   | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | mg/Kg | 0.200 | 1.110 | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | mg/Kg | 0.200 | 0.555 | 1  |        |
| 7440-23-5  | Sodium    | ND      | U         | mg/Kg | 32.1  | 111   | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | mg/Kg | 2.100 | 2.220 | 1  |        |
| 7440-62-2  | Vanadium  | 61.0    |           | mg/Kg | 0.166 | 2.220 | 1  |        |
| 7440-66-6  | Zinc      | 152     |           | mg/Kg | 1.190 | 2.220 | 1  |        |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/23/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/23/07

**Customer Sample No.:** B-3-2-3

**Lab Sample ID:** Y2852-03

**Test:** PCB

**SDG ID:** Y2852

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 10.00

**Result Type:** Final

**Datafile:** P6004237

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 2.8 | 19    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 4.3 | 19    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 6.4 | 19    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 5.7 | 19    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 2.8 | 19    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 1.8 | 19    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 4.6 | 19    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-3-2-3                        | Lab Sample ID:  | Y2852-03 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 10.00    |
| Result Type:         | Final                          | Datafile:       | P1006170 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.71 | 1.9   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 0.97 | 1.9   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 1.8  | 1.9   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.79 | 1.9   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 1.0  | 1.9   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.4  | 1.9   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.2  | 1.9   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 0.97 | 1.9   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 0.91 | 1.9   | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/Kg | 0.87 | 1.9   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 0.94 | 1.9   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 1.0  | 1.9   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.78 | 1.9   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.2  | 1.9   | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/Kg | 0.80 | 1.9   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 0.95 | 1.9   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 0.91 | 1.9   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.1  | 1.9   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/Kg | 0.92 | 1.9   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 0.96 | 1.9   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 4.0  | 19    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-3-2-3                        | Lab Sample ID:  | Y2852-03 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 10.00    |
| Result Type:         | Final                          | Datafile:       | BA032189 |

| CAS Number | Parameter                   | Results | Qualifier | Units | DL | RT/RL | DF | DIL/RI |
|------------|-----------------------------|---------|-----------|-------|----|-------|----|--------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug/Kg | 75 | 370   | 1  |        |
| 108-95-2   | Phenol                      | ND      | U         | ug/Kg | 55 | 370   | 1  |        |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug/Kg | 58 | 370   | 1  |        |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug/Kg | 58 | 370   | 1  |        |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug/Kg | 61 | 370   | 1  |        |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug/Kg | 59 | 370   | 1  |        |
| 98-86-2    | Acetophenone                | ND      | U         | ug/Kg | 54 | 370   | 1  |        |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug/Kg | 58 | 370   | 1  |        |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug/Kg | 61 | 370   | 1  |        |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug/Kg | 62 | 370   | 1  |        |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug/Kg | 80 | 370   | 1  |        |
| 78-59-1    | Isophorone                  | ND      | U         | ug/Kg | 55 | 370   | 1  |        |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug/Kg | 56 | 370   | 1  |        |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug/Kg | 58 | 370   | 1  |        |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug/Kg | 60 | 370   | 1  |        |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug/Kg | 68 | 370   | 1  |        |
| 91-20-3    | Naphthalene                 | ND      | U         | ug/Kg | 63 | 370   | 1  |        |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug/Kg | 44 | 370   | 1  |        |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug/Kg | 56 | 370   | 1  |        |
| 105-60-2   | Caprolactam                 | ND      | U         | ug/Kg | 59 | 370   | 1  |        |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug/Kg | 51 | 370   | 1  |        |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug/Kg | 61 | 370   | 1  |        |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug/Kg | 58 | 370   | 1  |        |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug/Kg | 54 | 370   | 1  |        |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug/Kg | 56 | 920   | 1  |        |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug/Kg | 60 | 370   | 1  |        |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug/Kg | 61 | 370   | 1  |        |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug/Kg | 46 | 920   | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-3-2-3                        | Lab Sample ID:  | Y2852-03 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 10.00    |
| Result Type:         | Final                          | DataFile:       | BA032189 |

| CAS Number | Parameter                  | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RI |
|------------|----------------------------|---------|-----------|---------|-----|-------|----|--------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug / Kg | 59  | 370   | 1  |        |
| 208-96-8   | Acenaphthylene             | 64      | J         | ug / Kg | 59  | 370   | 1  |        |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug / Kg | 52  | 370   | 1  |        |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug / Kg | 48  | 920   | 1  |        |
| 83-32-9    | Acenaphthene               | ND      | U         | ug / Kg | 65  | 370   | 1  |        |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug / Kg | 310 | 920   | 1  |        |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug / Kg | 45  | 920   | 1  |        |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug / Kg | 61  | 370   | 1  |        |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug / Kg | 54  | 370   | 1  |        |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug / Kg | 63  | 370   | 1  |        |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug / Kg | 58  | 370   | 1  |        |
| 86-73-7    | Fluorene                   | 66      | J         | ug / Kg | 62  | 370   | 1  |        |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug / Kg | 63  | 920   | 1  |        |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug / Kg | 71  | 920   | 1  |        |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug / Kg | 60  | 370   | 1  |        |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug / Kg | 55  | 370   | 1  |        |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug / Kg | 59  | 370   | 1  |        |
| 1912-24-9  | Atrazine                   | ND      | U         | ug / Kg | 56  | 370   | 1  |        |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug / Kg | 85  | 920   | 1  |        |
| 85-01-8    | Phenanthrene               | 880     |           | ug / Kg | 58  | 370   | 1  |        |
| 120-12-7   | Anthracene                 | 220     | J         | ug / Kg | 55  | 370   | 1  |        |
| 86-74-8    | Carbazole                  | ND      | U         | ug / Kg | 56  | 370   | 1  |        |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug / Kg | 56  | 370   | 1  |        |
| 206-44-0   | Fluoranthene               | 1500    |           | ug / Kg | 54  | 370   | 1  |        |
| 129-00-0   | Pyrene                     | 1300    |           | ug / Kg | 65  | 370   | 1  |        |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug / Kg | 59  | 370   | 1  |        |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug / Kg | 63  | 370   | 1  |        |
| 56-55-3    | Benzo(a)anthracene         | 920     |           | ug / Kg | 51  | 370   | 1  |        |



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## Report of Analysis



|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-3-2-3                        | Lab Sample ID:  | Y2852-03 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 10.00    |
| Result Type:         | Final                          | DataFile:       | BA032189 |

| CAS Number | Parameter                          | Results | Qualifier | Units | DL | RT/RL | DF | DIL/R |
|------------|------------------------------------|---------|-----------|-------|----|-------|----|-------|
| 218-01-9   | Chrysene                           | 790     |           | ug/Kg | 66 | 370   | 1  |       |
| 117-81-7   | bis(2-Ethylhexyl)phthalate         | ND      | U         | ug/Kg | 70 | 370   | 1  |       |
| 117-84-0   | Di-n-octyl phthalate               | ND      | U         | ug/Kg | 62 | 370   | 1  |       |
| 205-99-2   | Benzo(b)fluoranthene               | 1300    |           | ug/Kg | 40 | 370   | 1  |       |
| 207-08-9   | Benzo(k)fluoranthene               | 490     |           | ug/Kg | 81 | 370   | 1  |       |
| 50-32-8    | Benzo(a)pyrene                     | 1000    |           | ug/Kg | 59 | 370   | 1  |       |
| 193-39-5   | Indeno(1,2,3-cd)pyrene             | 520     |           | ug/Kg | 46 | 370   | 1  |       |
| 53-70-3    | Dibenz(a,h)anthracene              | 78      | J         | ug/Kg | 46 | 370   | 1  |       |
| 191-24-2   | Benzo(g,h,i)perylene               | 650     |           | ug/Kg | 61 | 370   | 1  |       |
| 213-46-7   | 1,2:7,8-Dibenzophenanthrene        | 160     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 74003-55-7 | 3,4-Dibromobenzaldehyde            | 100     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 203-64-5   | 4H-Cyclopenta[def]phenanthrene     | 270     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | ACP4.13                            | 5400    | A         | ug/Kg | 0  | 0     | 1  | TIC   |
| 610-48-0   | Anthracene, 1-methyl-              | 140     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 612-94-2   | Naphthalene, 2-phenyl-             | 160     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 3674-66-6  | Phenanthrene, 2,5-dimethyl-        | 130     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 2531-84-2  | Phenanthrene, 2-methyl-            | 170     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 2381-21-7  | Pyrene, 1-methyl-                  | 100     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 3442-78-2  | Pyrene, 2-methyl-                  | 78      | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 16098-04-7 | Thiazole, 4-phenyl-2-(4-tolylamino | 130     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 6572-60-7  | Tricyclo[8.2.2.2(4,7)]hexadeca-2,4 | 86      | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 1705-84-6  | Triphenylene, 2-methyl-            | 80      | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | Unknown16.60                       | 93      | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | unknown23.16                       | 250     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | unknown23.62                       | 690     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | unknown23.98                       | 340     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | unknown27.05                       | 220     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | unknown28.07                       | 110     | J         | ug/Kg | 0  | 0     | 1  | TIC   |



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## Report of Analysis

|         |          |                 |          |
|---------|----------|-----------------|----------|
| Client: | AKRF INC | Date Collected: | 05/23/07 |
|---------|----------|-----------------|----------|

**Project ID:**      **Rockefeller University # 10757**

**Date Received:**    **05 / 23 / 07**

**Customer  
Sample No.:**      **B-3-2-3**

**Lab Sample  
ID:**                **Y2852-03**

**Test:**                **SVOC-TCL BNA -20**

**SDG ID:**            **Y2852**

**Analytical  
Method:**          **EPA SW-846 8270**

**% Moisture:**        **10.00**

**Result Type:**      **Final**

**DataFile:**           **BA032189**

| CAS Number | Parameter | Results | Qualifier | Units | DL      | RT/RL | DF | DIL/RE       |
|------------|-----------|---------|-----------|-------|---------|-------|----|--------------|
|            | unknown   | 29.10   | 170       | J     | ug / Kg | 0     | 0  | 1 <b>TIC</b> |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-3-2-3                        | Lab Sample ID:  | Y2852-03 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 10.00    |
| Result Type:         | Final                          | Datafile:       | VK017118 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 4.7 | 28    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 4.7 | 28    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 4.5 | 28    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 11  | 28    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 12  | 28    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 6.9 | 28    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 3.7 | 28    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.2 | 28    | 1  |       |
| 67-64-1    | Acetone                        | ND      | U         | ug / Kg | 18  | 140   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 2.0 | 28    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 2.0 | 28    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 4.8 | 28    | 1  |       |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug / Kg | 10  | 28    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.5 | 28    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.5 | 28    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 1.8 | 28    | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 16  | 140   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.4 | 28    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 1.8 | 28    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 1.9 | 28    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.3 | 28    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.3 | 28    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.2 | 28    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.7 | 28    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.7 | 28    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.2 | 28    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 1.8 | 28    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 11  | 140   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-3-2-3                        | Lab Sample ID:  | Y2852-03 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 10.00    |
| Result Type:         | Final                          | DataFile:       | VK017118 |

| CAS Number  | Parameter                   | Results | Qualifier | Units | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|-------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug/Kg | 2.2 | 28    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug/Kg | 2.0 | 28    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug/Kg | 1.8 | 28    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug/Kg | 1.6 | 28    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug/Kg | 20  | 140   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug/Kg | 1.3 | 28    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug/Kg | 2.2 | 28    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug/Kg | 4.0 | 28    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug/Kg | 2.0 | 28    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug/Kg | 1.9 | 28    | 1  |       |
| 126777-61-2 | m/p-Xylenes                 | ND      | U         | ug/Kg | 4.8 | 55    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug/Kg | 2.1 | 28    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug/Kg | 2.5 | 28    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug/Kg | 1.7 | 28    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug/Kg | 2.3 | 28    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug/Kg | 1.7 | 28    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug/Kg | 3.1 | 28    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug/Kg | 3.0 | 28    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug/Kg | 2.1 | 28    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug/Kg | 5.2 | 28    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug/Kg | 3.8 | 28    | 1  |       |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/23/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/23/07</b> |
| <b>Customer Sample No.:</b> | <b>B-6-3-4</b>                        | <b>Lab Sample ID:</b>  | <b>Y2852-04</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2852</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>3.40</b>     |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>052607B</b>  |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | 0.080   |           | mg/Kg | 0.003 | 0.010 | 1  |        |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/23/07

Project ID: Rockefeller University # 10757

Date Received: 05/23/07

Customer Sample No.: B-6-3-4

Lab Sample ID: Y2852-04

Test: Metals ICP-TAL

SDG ID: Y2852

Analytical Method: EPA SW-846 6010 - ICP1

% Moisture: 3.40

Result Type: Final

Datafile: P1052907

| CAS Number | Parameter | Results  | Qualifier | Units   | DL            | RT/RL          | DF | DIL/R |
|------------|-----------|----------|-----------|---------|---------------|----------------|----|-------|
| 7429-90-5  | Aluminum  | 20700    |           | mg / Kg | 0.903         | 5.070          | 1  |       |
| 7440-36-0  | Antimony  | ND       | UN        | mg / Kg | 0.345         | 2.540          | 1  |       |
| 7440-38-2  | Arsenic   | ND       | U         | mg / Kg | 0.203         | 1.010          | 1  |       |
| 7440-39-3  | Barium    | 167      |           | mg / Kg | 0.152         | 5.070          | 1  |       |
| 7440-41-7  | Beryllium | 0.847    |           | mg / Kg | 0.010         | 0.304          | 1  |       |
| 7440-43-9  | Cadmium   | 0.143    | J         | mg / Kg | 0.061         | 0.304          | 1  |       |
| 7440-70-2  | Calcium   | 2040     |           | mg / Kg | 1.740         | 101            | 1  |       |
| 7440-47-3  | Chromium  | 48.8     |           | mg / Kg | 0.112         | 0.507          | 1  |       |
| 7440-48-4  | Cobalt    | 21.3     |           | mg / Kg | 0.142         | 1.520          | 1  |       |
| 7440-50-8  | Copper    | 113      |           | mg / Kg | 0.132         | 1.010          | 1  |       |
| 7439-89-6  | Iron      | 52000    |           | mg / Kg | 2.710         | 5.070          | 1  |       |
| 7439-92-1  | Lead      | 6.920    |           | mg / Kg | 0.142         | 0.609          | 1  |       |
| 7439-95-4  | Magnesium | 10700    |           | mg / Kg | 1.760         | 101            | 1  |       |
| 7439-96-5  | Manganese | 239      |           | mg / Kg | 0.061         | 1.010          | 1  |       |
| 7440-02-0  | Nickel    | 46.3     |           | mg / Kg | 0.122         | 2.030          | 1  |       |
| 7440-09-7  | Potassium | 12516.85 | OR        | mg / Kg | 22.2871761322 | 101.4898910522 | 1  |       |
| 7782-49-2  | Selenium  | 1.240    |           | mg / Kg | 0.183         | 1.010          | 1  |       |
| 7440-      | Silver    | ND       | U         | mg / Kg | 0.183         | 0.507          | 1  |       |

|           |          |      |   |         |       |       |   |
|-----------|----------|------|---|---------|-------|-------|---|
| 22-4      |          |      |   |         |       |       |   |
| 7440-23-5 | Sodium   | ND   | U | mg / Kg | 29.3  | 101   | 1 |
| 7440-28-0 | Thallium | ND   | U | mg / Kg | 1.920 | 2.030 | 1 |
| 7440-62-2 | Vanadium | 62.5 |   | mg / Kg | 0.152 | 2.030 | 1 |
| 7440-66-6 | Zinc     | 86.6 |   | mg / Kg | 1.090 | 2.030 | 1 |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/23/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/23/07

**Customer Sample No.:** B-6-3-4

**Lab Sample ID:** Y2852-04

**Test:** PCB

**SDG ID:** Y2852

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 3.00

**Result Type:** Final

**Datafile:** P6004273

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 2.6 | 17    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 4.0 | 17    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 6.0 | 17    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 5.4 | 17    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 2.6 | 17    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 1.7 | 17    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 4.3 | 17    | 1  |        |





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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-6-3-4                        | Lab Sample ID:  | Y2852-04 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 3.00     |
| Result Type:         | Final                          | Datafile:       | P1006171 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.65 | 1.7   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 0.90 | 1.7   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 1.7  | 1.7   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.74 | 1.7   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 0.95 | 1.7   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.3  | 1.7   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.1  | 1.7   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 0.90 | 1.7   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 0.85 | 1.7   | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/Kg | 0.81 | 1.7   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 0.87 | 1.7   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 0.97 | 1.7   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.72 | 1.7   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.1  | 1.7   | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/Kg | 0.74 | 1.7   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 0.88 | 1.7   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 0.84 | 1.7   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.0  | 1.7   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/Kg | 0.86 | 1.7   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 0.89 | 1.7   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 3.7  | 17    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-6-3-4                        | Lab Sample ID:  | Y2852-04 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 3.00     |
| Result Type:         | Final                          | Datafile:       | BA032188 |

| CAS Number | Parameter                   | Results | Qualifier | Units | DL | RT/RL | DF | DIL/RI |
|------------|-----------------------------|---------|-----------|-------|----|-------|----|--------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug/Kg | 70 | 340   | 1  |        |
| 108-95-2   | Phenol                      | ND      | U         | ug/Kg | 51 | 340   | 1  |        |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug/Kg | 54 | 340   | 1  |        |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug/Kg | 54 | 340   | 1  |        |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug/Kg | 57 | 340   | 1  |        |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug/Kg | 55 | 340   | 1  |        |
| 98-86-2    | Acetophenone                | ND      | U         | ug/Kg | 50 | 340   | 1  |        |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug/Kg | 54 | 340   | 1  |        |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug/Kg | 56 | 340   | 1  |        |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug/Kg | 58 | 340   | 1  |        |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug/Kg | 74 | 340   | 1  |        |
| 78-59-1    | Isophorone                  | ND      | U         | ug/Kg | 51 | 340   | 1  |        |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug/Kg | 52 | 340   | 1  |        |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug/Kg | 54 | 340   | 1  |        |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug/Kg | 56 | 340   | 1  |        |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug/Kg | 63 | 340   | 1  |        |
| 91-20-3    | Naphthalene                 | ND      | U         | ug/Kg | 58 | 340   | 1  |        |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug/Kg | 40 | 340   | 1  |        |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug/Kg | 52 | 340   | 1  |        |
| 105-60-2   | Caprolactam                 | ND      | U         | ug/Kg | 55 | 340   | 1  |        |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug/Kg | 47 | 340   | 1  |        |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug/Kg | 57 | 340   | 1  |        |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug/Kg | 54 | 340   | 1  |        |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug/Kg | 50 | 340   | 1  |        |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug/Kg | 52 | 850   | 1  |        |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug/Kg | 56 | 340   | 1  |        |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug/Kg | 56 | 340   | 1  |        |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug/Kg | 43 | 850   | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-6-3-4                        | Lab Sample ID:  | Y2852-04 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 3.00     |
| Result Type:         | Final                          | DataFile:       | BA032188 |

| CAS Number | Parameter                  | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RI |
|------------|----------------------------|---------|-----------|---------|-----|-------|----|--------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug / Kg | 55  | 340   | 1  |        |
| 208-96-8   | Acenaphthylene             | ND      | U         | ug / Kg | 55  | 340   | 1  |        |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug / Kg | 48  | 340   | 1  |        |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug / Kg | 44  | 850   | 1  |        |
| 83-32-9    | Acenaphthene               | ND      | U         | ug / Kg | 61  | 340   | 1  |        |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug / Kg | 290 | 850   | 1  |        |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug / Kg | 42  | 850   | 1  |        |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug / Kg | 56  | 340   | 1  |        |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug / Kg | 50  | 340   | 1  |        |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug / Kg | 59  | 340   | 1  |        |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug / Kg | 54  | 340   | 1  |        |
| 86-73-7    | Fluorene                   | ND      | U         | ug / Kg | 57  | 340   | 1  |        |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug / Kg | 58  | 850   | 1  |        |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug / Kg | 66  | 850   | 1  |        |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug / Kg | 56  | 340   | 1  |        |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug / Kg | 51  | 340   | 1  |        |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug / Kg | 54  | 340   | 1  |        |
| 1912-24-9  | Atrazine                   | ND      | U         | ug / Kg | 52  | 340   | 1  |        |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug / Kg | 79  | 850   | 1  |        |
| 85-01-8    | Phenanthrene               | ND      | U         | ug / Kg | 54  | 340   | 1  |        |
| 120-12-7   | Anthracene                 | ND      | U         | ug / Kg | 51  | 340   | 1  |        |
| 86-74-8    | Carbazole                  | ND      | U         | ug / Kg | 52  | 340   | 1  |        |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug / Kg | 52  | 340   | 1  |        |
| 206-44-0   | Fluoranthene               | 57      | J         | ug / Kg | 51  | 340   | 1  |        |
| 129-00-0   | Pyrene                     | ND      | U         | ug / Kg | 60  | 340   | 1  |        |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug / Kg | 55  | 340   | 1  |        |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug / Kg | 58  | 340   | 1  |        |
| 56-55-3    | Benzo(a)anthracene         | ND      | U         | ug / Kg | 48  | 340   | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-6-3-4                        | Lab Sample ID:  | Y2852-04 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 3.00     |
| Result Type:         | Final                          | DataFile:       | BA032188 |

| CAS Number | Parameter                        | Results | Qualifier | Units   | DL | RT/RL | DF | DIL/R |
|------------|----------------------------------|---------|-----------|---------|----|-------|----|-------|
| 218-01-9   | Chrysene                         | ND      | U         | ug / Kg | 61 | 340   | 1  |       |
| 117-81-7   | bis(2-Ethylhexyl)phthalate       | ND      | U         | ug / Kg | 65 | 340   | 1  |       |
| 117-84-0   | Di-n-octyl phthalate             | ND      | U         | ug / Kg | 58 | 340   | 1  |       |
| 205-99-2   | Benzo(b)fluoranthene             | 45      | J         | ug / Kg | 37 | 340   | 1  |       |
| 207-08-9   | Benzo(k)fluoranthene             | ND      | U         | ug / Kg | 75 | 340   | 1  |       |
| 50-32-8    | Benzo(a)pyrene                   | ND      | U         | ug / Kg | 54 | 340   | 1  |       |
| 193-39-5   | Indeno(1,2,3-cd)pyrene           | ND      | U         | ug / Kg | 43 | 340   | 1  |       |
| 53-70-3    | Dibenz(a,h)anthracene            | ND      | U         | ug / Kg | 43 | 340   | 1  |       |
| 191-24-2   | Benzo(g,h,i)perylene             | ND      | U         | ug / Kg | 56 | 340   | 1  |       |
|            | ACP4.12                          | 4900    | A         | ug / Kg | 0  | 0     | 1  | TIC   |
| 55333-99-8 | Eicosane, 7-hexyl-               | 220     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 55282-11-6 | Heneicosane, 11-(1-ethylpropyl)- | 220     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 62016-79-9 | Heptacosane, 1-chloro-           | 140     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 629-78-7   | Heptadecane                      | 120     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 629-92-5   | Nonadecane                       | 170     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 630-02-4   | Octacosane                       | 230     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 71005-15-7 | Pentadecane, 8-heptyl-           | 250     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 646-31-1   | Tetracosane                      | 150     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 7098-22-8  | Tetratetracontane                | 110     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
|            | unknown30.22                     | 96      | J         | ug / Kg | 0  | 0     | 1  | TIC   |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-6-3-4                        | Lab Sample ID:  | Y2852-04 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 3.00     |
| Result Type:         | Final                          | Datafile:       | VK017121 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 4.4 | 26    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 4.4 | 26    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 4.2 | 26    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 10  | 26    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 11  | 26    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 6.4 | 26    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 3.4 | 26    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.0 | 26    | 1  |       |
| 67-64-1    | Acetone                        | 59      | J         | ug / Kg | 17  | 130   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 1.9 | 26    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 1.9 | 26    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 4.5 | 26    | 1  |       |
| 75-09-2    | Methylene Chloride             | 27      |           | ug / Kg | 9.4 | 26    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.3 | 26    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.4 | 26    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 1.7 | 26    | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 15  | 130   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.3 | 26    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 1.7 | 26    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 1.8 | 26    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.2 | 26    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.2 | 26    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.1 | 26    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.6 | 26    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.6 | 26    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.0 | 26    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 1.7 | 26    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 10  | 130   | 1  |       |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/23/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/23/07</b> |
| <b>Customer Sample No.:</b> | <b>B-6-3-4</b>                        | <b>Lab Sample ID:</b>  | <b>Y2852-04</b> |
| <b>Test:</b>                | <b>VOC-TCLVOA-10</b>                  | <b>SDG ID:</b>         | <b>Y2852</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW846 8260</b>                 | <b>% Moisture:</b>     | <b>3.00</b>     |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>DataFile:</b>       | <b>VK017121</b> |

| CAS Number  | Parameter                   | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|---------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug / Kg | 2.1 | 26    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug / Kg | 1.9 | 26    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug / Kg | 1.7 | 26    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug / Kg | 1.5 | 26    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug / Kg | 19  | 130   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug / Kg | 1.2 | 26    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug / Kg | 2.1 | 26    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug / Kg | 3.8 | 26    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug / Kg | 1.9 | 26    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug / Kg | 1.8 | 26    | 1  |       |
| 126777-61-2 | m / p-Xylenes               | ND      | U         | ug / Kg | 4.5 | 52    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug / Kg | 2.0 | 26    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug / Kg | 2.4 | 26    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug / Kg | 1.6 | 26    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug / Kg | 2.1 | 26    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug / Kg | 1.6 | 26    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug / Kg | 2.9 | 26    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug / Kg | 2.8 | 26    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug / Kg | 2.0 | 26    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug / Kg | 4.9 | 26    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug / Kg | 3.5 | 26    | 1  |       |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/23/07

Project ID: Rockefeller University # 10757

Date Received: 05/23/07

Customer Sample No.: B-6-3-4

Lab Sample ID: Y2852-04DL

Test: Metals ICP-TAL

SDG ID: Y2852

Analytical Method: EPA SW-846 6010 - ICP1

% Moisture: 3.40

Result Type: Final

Datafile: P1052907

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 23200   | D         | mg/Kg | 9.030 | 50.7  | 10 | DIL    |
| 7440-36-0  | Antimony  | ND      | UND       | mg/Kg | 3.450 | 25.4  | 10 | DIL    |
| 7440-38-2  | Arsenic   | ND      | UD        | mg/Kg | 2.030 | 10.1  | 10 | DIL    |
| 7440-39-3  | Barium    | 172     | D         | mg/Kg | 1.520 | 50.7  | 10 | DIL    |
| 7440-41-7  | Beryllium | 0.650   | JD        | mg/Kg | 0.101 | 3.040 | 10 | DIL    |
| 7440-43-9  | Cadmium   | ND      | UD        | mg/Kg | 0.609 | 3.040 | 10 | DIL    |
| 7440-70-2  | Calcium   | 2460    | D         | mg/Kg | 17.4  | 1010  | 10 | DIL    |
| 7440-47-3  | Chromium  | 53.2    | D         | mg/Kg | 1.120 | 5.070 | 10 | DIL    |
| 7440-48-4  | Cobalt    | 18.9    | D         | mg/Kg | 1.420 | 15.2  | 10 | DIL    |
| 7440-50-8  | Copper    | 114     | D         | mg/Kg | 1.320 | 10.1  | 10 | DIL    |
| 7439-89-6  | Iron      | 60800   | D         | mg/Kg | 27.1  | 50.7  | 10 | DIL    |
| 7439-92-1  | Lead      | 6.550   | D         | mg/Kg | 1.420 | 6.090 | 10 | DIL    |
| 7439-95-4  | Magnesium | 13100   | D         | mg/Kg | 17.6  | 1010  | 10 | DIL    |
| 7439-96-5  | Manganese | 271     | D         | mg/Kg | 0.609 | 10.1  | 10 | DIL    |
| 7440-02-0  | Nickel    | 49.1    | D         | mg/Kg | 1.220 | 20.3  | 10 | DIL    |
| 7440-09-7  | Potassium | 11100   | D         | mg/Kg | 223   | 1010  | 10 | DIL    |
| 7782-49-2  | Selenium  | ND      | UD        | mg/Kg | 1.830 | 10.1  | 10 | DIL    |
| 7440-22-4  | Silver    | ND      | UD        | mg/Kg | 1.830 | 5.070 | 10 | DIL    |
| 7440-23-5  | Sodium    | ND      | UD        | mg/Kg | 293   | 1010  | 10 | DIL    |
| 7440-28-0  | Thallium  | ND      | UD        | mg/Kg | 19.2  | 20.3  | 10 | DIL    |
| 7440-62-2  | Vanadium  | 64.4    | D         | mg/Kg | 1.520 | 20.3  | 10 | DIL    |
| 7440-66-6  | Zinc      | 103     | D         | mg/Kg | 10.9  | 20.3  | 10 | DIL    |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/23/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/23/07</b> |
| <b>Customer Sample No.:</b> | <b>FB-1</b>                           | <b>Lab Sample ID:</b>  | <b>Y2852-05</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2852</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7470 - HG</b>           | <b>% Moisture:</b>     | <b>100.00</b>   |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>052607B1</b> |

| CAS Number | Parameter | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|------|-------|----|--------|
| 7439-97-6  | Mercury   | ND      | U         | ug/L  | 0.11 | 0.20  | 1  |        |





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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | FB-1                           | Lab Sample ID:  | Y2852-05 |
| Test:                | Metals ICP-TAL                 | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 6010 - ICP1         | % Moisture:     | 100.00   |
| Result Type:         | Final                          | Datafile:       | P1052907 |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | ND      | U         | ug/L  | 17.2  | 50.0  | 1  |        |
| 7440-36-0  | Antimony  | ND      | U         | ug/L  | 3.100 | 25.0  | 1  |        |
| 7440-38-2  | Arsenic   | ND      | U         | ug/L  | 3.100 | 10.0  | 1  |        |
| 7440-39-3  | Barium    | ND      | U         | ug/L  | 3.100 | 50.0  | 1  |        |
| 7440-41-7  | Beryllium | ND      | U         | ug/L  | 0.100 | 3.000 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | ug/L  | 0.900 | 3.000 | 1  |        |
| 7440-70-2  | Calcium   | 117     | J         | ug/L  | 7.800 | 1000  | 1  |        |
| 7440-47-3  | Chromium  | ND      | U         | ug/L  | 0.600 | 5.000 | 1  |        |
| 7440-48-4  | Cobalt    | ND      | U         | ug/L  | 1.300 | 15.0  | 1  |        |
| 7440-50-8  | Copper    | ND      | U         | ug/L  | 0.500 | 10.0  | 1  |        |
| 7439-89-6  | Iron      | ND      | U         | ug/L  | 47.7  | 50.0  | 1  |        |
| 7439-92-1  | Lead      | ND      | U         | ug/L  | 1.900 | 6.000 | 1  |        |
| 7439-95-4  | Magnesium | 11.8    | J         | ug/L  | 9.200 | 1000  | 1  |        |
| 7439-96-5  | Manganese | ND      | U         | ug/L  | 0.800 | 10.0  | 1  |        |
| 7440-02-0  | Nickel    | ND      | U         | ug/L  | 1.800 | 20.0  | 1  |        |
| 7440-09-7  | Potassium | ND      | U         | ug/L  | 236   | 1000  | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | ug/L  | 2.100 | 10.0  | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | ug/L  | 0.600 | 5.000 | 1  |        |
| 7440-23-5  | Sodium    | 710     | J         | ug/L  | 204   | 1000  | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | ug/L  | 7.500 | 20.0  | 1  |        |
| 7440-62-2  | Vanadium  | ND      | U         | ug/L  | 1.000 | 20.0  | 1  |        |
| 7440-66-6  | Zinc      | 37.6    |           | ug/L  | 2.900 | 20.0  | 1  |        |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/23/07

Project ID: Rockefeller University # 10757

Date Received: 05/23/07

Customer Sample No.: FB-1

Lab Sample ID: Y2852-05

Test: PCB

SDG ID: Y2852

Analytical Method: EPA SW-846 8082

% Moisture: 100.00

Result Type: Final

Datafile: P6004231

| CAS Number | Parameter    | Results | Qualifier | Units | DL     | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|-------|--------|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug/L  | 0.153  | 0.53  | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug/L  | 0.179  | 0.53  | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug/L  | 0.115  | 0.53  | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug/L  | 0.087  | 0.53  | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug/L  | 0.044  | 0.53  | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug/L  | 0.039  | 0.53  | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug/L  | 0.1600 | 0.53  | 1  |        |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/23/07

Project ID: Rockefeller University # 10757

Date Received: 05/23/07

Customer Sample No.:

FB-1

Lab Sample ID: Y2852-05

Test: Pesticide-TCL

SDG ID: Y2852

Analytical Method: EPA SW-846 8081

% Moisture: 100.00

Result Type: Final

Datafile: P1006116

| CAS Number | Parameter          | Results | Qualifier | Units | DL     | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|--------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/L  | 0.0063 | 0.050 | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/L  | 0.0070 | 0.050 | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/L  | 0.0500 | 0.050 | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/L  | 0.0071 | 0.050 | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/L  | 0.0227 | 0.050 | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/L  | 0.0299 | 0.050 | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/L  | 0.0121 | 0.050 | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/L  | 0.0076 | 0.050 | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/L  | 0.0073 | 0.050 | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/L  | 0.0072 | 0.050 | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/L  | 0.0069 | 0.050 | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/L  | 0.0073 | 0.050 | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/L  | 0.0070 | 0.050 | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/L  | 0.0086 | 0.050 | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/L  | 0.0064 | 0.050 | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/L  | 0.0072 | 0.050 | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/L  | 0.0078 | 0.050 | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/L  | 0.0088 | 0.050 | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/L  | 0.0076 | 0.050 | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/L  | 0.0078 | 0.050 | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/L  | 0.0900 | 0.50  | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | FB-1                           | Lab Sample ID:  | Y2852-05 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 100.00   |
| Result Type:         | Final                          | Datafile:       | VH014631 |

| CAS Number | Parameter                      | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|-------|------|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug/L  | 0.17 | 5.0   | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug/L  | 0.34 | 5.0   | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug/L  | 0.33 | 5.0   | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug/L  | 0.41 | 5.0   | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug/L  | 0.83 | 5.0   | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug/L  | 0.22 | 5.0   | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug/L  | 1.3  | 5.0   | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug/L  | 0.42 | 5.0   | 1  |       |
| 67-64-1    | Acetone                        | ND      | U         | ug/L  | 2.3  | 25    | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug/L  | 0.40 | 5.0   | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug/L  | 0.28 | 5.0   | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug/L  | 0.20 | 5.0   | 1  |       |
| 75-09-2    | Methylene Chloride             | 3.9     | J         | ug/L  | 0.43 | 5.0   | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug/L  | 0.40 | 5.0   | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug/L  | 0.38 | 5.0   | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug/L  | 0.36 | 5.0   | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug/L  | 1.1  | 25    | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug/L  | 1.1  | 5.0   | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug/L  | 0.29 | 5.0   | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug/L  | 0.33 | 5.0   | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug/L  | 0.32 | 5.0   | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug/L  | 0.34 | 5.0   | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug/L  | 0.39 | 5.0   | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug/L  | 0.34 | 5.0   | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug/L  | 0.46 | 5.0   | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | 1.2     | J         | ug/L  | 0.40 | 5.0   | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug/L  | 0.33 | 5.0   | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug/L  | 1.6  | 25    | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | FB-1                           | Lab Sample ID:  | Y2852-05 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 100.00   |
| Result Type:         | Final                          | DataFile:       | VH014631 |

| CAS Number  | Parameter                   | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|-------|------|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug/L  | 0.36 | 5.0   | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug/L  | 0.32 | 5.0   | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug/L  | 0.36 | 5.0   | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug/L  | 0.41 | 5.0   | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug/L  | 1.7  | 25    | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug/L  | 0.26 | 5.0   | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug/L  | 0.32 | 5.0   | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug/L  | 0.48 | 5.0   | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug/L  | 0.47 | 5.0   | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug/L  | 0.45 | 5.0   | 1  |       |
| 126777-61-2 | m/p-Xylenes                 | ND      | U         | ug/L  | 1.2  | 10    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug/L  | 0.46 | 5.0   | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug/L  | 0.41 | 5.0   | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug/L  | 0.32 | 5.0   | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug/L  | 0.44 | 5.0   | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug/L  | 0.30 | 5.0   | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug/L  | 0.50 | 5.0   | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug/L  | 0.54 | 5.0   | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug/L  | 0.44 | 5.0   | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug/L  | 0.38 | 5.0   | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug/L  | 0.46 | 5.0   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | FB-1                           | Lab Sample ID:  | Y2852-06 |
| Test:                | Dissolved ICP-TAL Metals       | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 6010 - ICP1         | % Moisture:     | 100.00   |
| Result Type:         | Final                          | Datafile:       | P1052907 |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | ND      | U         | ug/L  | 17.2  | 50.0  | 1  |        |
| 7440-36-0  | Antimony  | ND      | U         | ug/L  | 3.100 | 25.0  | 1  |        |
| 7440-38-2  | Arsenic   | ND      | U         | ug/L  | 3.100 | 10.0  | 1  |        |
| 7440-39-3  | Barium    | ND      | U         | ug/L  | 3.100 | 50.0  | 1  |        |
| 7440-41-7  | Beryllium | ND      | U         | ug/L  | 0.100 | 3.000 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | ug/L  | 0.900 | 3.000 | 1  |        |
| 7440-70-2  | Calcium   | 58.7    | J         | ug/L  | 7.800 | 1000  | 1  |        |
| 7440-47-3  | Chromium  | ND      | U         | ug/L  | 0.600 | 5.000 | 1  |        |
| 7440-48-4  | Cobalt    | ND      | U         | ug/L  | 1.300 | 15.0  | 1  |        |
| 7440-50-8  | Copper    | 1.450   | J         | ug/L  | 0.500 | 10.0  | 1  |        |
| 7439-89-6  | Iron      | ND      | U         | ug/L  | 47.7  | 50.0  | 1  |        |
| 7439-92-1  | Lead      | ND      | U         | ug/L  | 1.900 | 6.000 | 1  |        |
| 7439-95-4  | Magnesium | ND      | U         | ug/L  | 9.200 | 1000  | 1  |        |
| 7439-96-5  | Manganese | ND      | U         | ug/L  | 0.800 | 10.0  | 1  |        |
| 7440-02-0  | Nickel    | ND      | U         | ug/L  | 1.800 | 20.0  | 1  |        |
| 7440-09-7  | Potassium | ND      | U         | ug/L  | 236   | 1000  | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | ug/L  | 2.100 | 10.0  | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | ug/L  | 0.600 | 5.000 | 1  |        |
| 7440-23-5  | Sodium    | 526     | J         | ug/L  | 204   | 1000  | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | ug/L  | 7.500 | 20.0  | 1  |        |
| 7440-62-2  | Vanadium  | ND      | U         | ug/L  | 1.000 | 20.0  | 1  |        |
| 7440-66-6  | Zinc      | 38.8    |           | ug/L  | 2.900 | 20.0  | 1  |        |



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## Report of Analysis

|                             |                                       |                        |                  |              |             |              |           |               |
|-----------------------------|---------------------------------------|------------------------|------------------|--------------|-------------|--------------|-----------|---------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/23/07</b>  |              |             |              |           |               |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/23/07</b>  |              |             |              |           |               |
| <b>Customer Sample No.:</b> | <b>FB-1</b>                           | <b>Lab Sample ID:</b>  | <b>Y2852-06</b>  |              |             |              |           |               |
| <b>Test:</b>                | <b>Dissolved Mercury</b>              | <b>SDG ID:</b>         | <b>Y2852</b>     |              |             |              |           |               |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7470 - HG</b>           | <b>% Moisture:</b>     | <b>100.00</b>    |              |             |              |           |               |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>052607B1</b>  |              |             |              |           |               |
| <b>CAS Number</b>           | <b>Parameter</b>                      | <b>Results</b>         | <b>Qualifier</b> | <b>Units</b> | <b>DL</b>   | <b>RT/RL</b> | <b>DF</b> | <b>DIL/RE</b> |
| <b>7439-97-6</b>            | <b>Mercury</b>                        | <b>ND</b>              | <b>U</b>         | <b>ug/L</b>  | <b>0.11</b> | <b>0.20</b>  | <b>1</b>  |               |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | TB-1                           | Lab Sample ID:  | Y2852-07 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 100.00   |
| Result Type:         | Final                          | Datafile:       | VH014632 |

| CAS Number | Parameter                      | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|-------|------|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug/L  | 0.17 | 5.0   | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug/L  | 0.34 | 5.0   | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug/L  | 0.33 | 5.0   | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug/L  | 0.41 | 5.0   | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug/L  | 0.83 | 5.0   | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug/L  | 0.22 | 5.0   | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug/L  | 1.3  | 5.0   | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug/L  | 0.42 | 5.0   | 1  |       |
| 67-64-1    | Acetone                        | ND      | U         | ug/L  | 2.3  | 25    | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug/L  | 0.40 | 5.0   | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug/L  | 0.28 | 5.0   | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug/L  | 0.20 | 5.0   | 1  |       |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug/L  | 0.43 | 5.0   | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug/L  | 0.40 | 5.0   | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug/L  | 0.38 | 5.0   | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug/L  | 0.36 | 5.0   | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug/L  | 1.1  | 25    | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug/L  | 1.1  | 5.0   | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug/L  | 0.29 | 5.0   | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug/L  | 0.33 | 5.0   | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug/L  | 0.32 | 5.0   | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug/L  | 0.34 | 5.0   | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug/L  | 0.39 | 5.0   | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug/L  | 0.34 | 5.0   | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug/L  | 0.46 | 5.0   | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug/L  | 0.40 | 5.0   | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug/L  | 0.33 | 5.0   | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug/L  | 1.6  | 25    | 1  |       |





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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | TB-1                           | Lab Sample ID:  | Y2852-07 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 100.00   |
| Result Type:         | Final                          | DataFile:       | VH014632 |

| CAS Number  | Parameter                   | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|-------|------|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug/L  | 0.36 | 5.0   | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug/L  | 0.32 | 5.0   | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug/L  | 0.36 | 5.0   | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug/L  | 0.41 | 5.0   | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug/L  | 1.7  | 25    | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug/L  | 0.26 | 5.0   | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug/L  | 0.32 | 5.0   | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug/L  | 0.48 | 5.0   | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug/L  | 0.47 | 5.0   | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug/L  | 0.45 | 5.0   | 1  |       |
| 126777-61-2 | m/p-Xylenes                 | ND      | U         | ug/L  | 1.2  | 10    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug/L  | 0.46 | 5.0   | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug/L  | 0.41 | 5.0   | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug/L  | 0.32 | 5.0   | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug/L  | 0.44 | 5.0   | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug/L  | 0.30 | 5.0   | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug/L  | 0.50 | 5.0   | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug/L  | 0.54 | 5.0   | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug/L  | 0.44 | 5.0   | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug/L  | 0.38 | 5.0   | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug/L  | 0.46 | 5.0   | 1  |       |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/23/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/23/07</b> |
| <b>Customer Sample No.:</b> | <b>B-5-1-2</b>                        | <b>Lab Sample ID:</b>  | <b>Y2852-08</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2852</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>2.90</b>     |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>052607B</b>  |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | 0.020   |           | mg/Kg | 0.003 | 0.010 | 1  |        |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/23/07

Project ID: Rockefeller University # 10757

Date Received: 05/23/07

Customer Sample No.: B-5-1-2

Lab Sample ID: Y2852-08

Test: Metals ICP-TAL

SDG ID: Y2852

Analytical Method: EPA SW-846 6010 - ICP1

% Moisture: 2.90

Result Type: Final

Datafile: P1052907

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 14200   |           | mg/Kg | 0.917 | 5.150 | 1  |        |
| 7440-36-0  | Antimony  | ND      | UN        | mg/Kg | 0.350 | 2.570 | 1  |        |
| 7440-38-2  | Arsenic   | ND      | U         | mg/Kg | 0.206 | 1.030 | 1  |        |
| 7440-39-3  | Barium    | 138     |           | mg/Kg | 0.154 | 5.150 | 1  |        |
| 7440-41-7  | Beryllium | 0.226   | J         | mg/Kg | 0.010 | 0.309 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | mg/Kg | 0.062 | 0.309 | 1  |        |
| 7440-70-2  | Calcium   | 3720    |           | mg/Kg | 1.760 | 103   | 1  |        |
| 7440-47-3  | Chromium  | 33.6    |           | mg/Kg | 0.113 | 0.515 | 1  |        |
| 7440-48-4  | Cobalt    | 14.2    |           | mg/Kg | 0.144 | 1.540 | 1  |        |
| 7440-50-8  | Copper    | 34.5    |           | mg/Kg | 0.134 | 1.030 | 1  |        |
| 7439-89-6  | Iron      | 21600   |           | mg/Kg | 2.750 | 5.150 | 1  |        |
| 7439-92-1  | Lead      | 10.3    |           | mg/Kg | 0.144 | 0.618 | 1  |        |
| 7439-95-4  | Magnesium | 8350    |           | mg/Kg | 1.780 | 103   | 1  |        |
| 7439-96-5  | Manganese | 285     |           | mg/Kg | 0.062 | 1.030 | 1  |        |
| 7440-02-0  | Nickel    | 27.1    |           | mg/Kg | 0.124 | 2.060 | 1  |        |
| 7440-09-7  | Potassium | 9230    |           | mg/Kg | 22.6  | 103   | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | mg/Kg | 0.185 | 1.030 | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | mg/Kg | 0.185 | 0.515 | 1  |        |
| 7440-23-5  | Sodium    | 31.9    | J         | mg/Kg | 29.8  | 103   | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | mg/Kg | 1.950 | 2.060 | 1  |        |
| 7440-62-2  | Vanadium  | 61.9    |           | mg/Kg | 0.154 | 2.060 | 1  |        |
| 7440-66-6  | Zinc      | 82.9    |           | mg/Kg | 1.100 | 2.060 | 1  |        |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/23/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/23/07

**Customer Sample No.:** B-5-1-2

**Lab Sample ID:** Y2852-08

**Test:** PCB

**SDG ID:** Y2852

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 3.00

**Result Type:** Final

**Datafile:** P6004274

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 2.6 | 17    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 4.0 | 17    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 6.0 | 17    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 5.4 | 17    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 2.6 | 17    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 1.7 | 17    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 4.3 | 17    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-5-1-2                        | Lab Sample ID:  | Y2852-08 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 3.00     |
| Result Type:         | Final                          | Datafile:       | P1006172 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.65 | 1.7   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 0.88 | 1.7   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 1.6  | 1.7   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.73 | 1.7   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 0.94 | 1.7   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.2  | 1.7   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.1  | 1.7   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 0.89 | 1.7   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 0.83 | 1.7   | 1  |        |
| 72-55-9    | 4,4-DDE            | 5.0     |           | ug/Kg | 0.79 | 1.7   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 0.86 | 1.7   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 0.95 | 1.7   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.71 | 1.7   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.1  | 1.7   | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/Kg | 0.73 | 1.7   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 0.87 | 1.7   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 0.83 | 1.7   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.0  | 1.7   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/Kg | 0.84 | 1.7   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 0.88 | 1.7   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 3.6  | 17    | 1  |        |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/23/07

Project ID: Rockefeller University # 10757

Date Received: 05/23/07

Customer Sample No.: B-5-1-2

Lab Sample ID: Y2852-08

Test: SVOC-TCL BNA -20

SDG ID: Y2852

Analytical Method: EPA SW-846 8270

% Moisture: 3.00

Result Type: Final

Datafile: BA032200

| CAS Number | Parameter                   | Results | Qualifier | Units   | DL   | RT/RL | DF | DIL/R |
|------------|-----------------------------|---------|-----------|---------|------|-------|----|-------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug / Kg | 2800 | 14000 | 20 |       |
| 108-95-2   | Phenol                      | ND      | U         | ug / Kg | 2000 | 14000 | 20 |       |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug / Kg | 2100 | 14000 | 20 |       |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug / Kg | 2200 | 14000 | 20 |       |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug / Kg | 2300 | 14000 | 20 |       |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug / Kg | 2200 | 14000 | 20 |       |
| 98-86-2    | Acetophenone                | ND      | U         | ug / Kg | 2000 | 14000 | 20 |       |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug / Kg | 2100 | 14000 | 20 |       |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug / Kg | 2200 | 14000 | 20 |       |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug / Kg | 2300 | 14000 | 20 |       |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug / Kg | 3000 | 14000 | 20 |       |
| 78-59-1    | Isophorone                  | ND      | U         | ug / Kg | 2000 | 14000 | 20 |       |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug / Kg | 2100 | 14000 | 20 |       |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug / Kg | 2100 | 14000 | 20 |       |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug / Kg | 2200 | 14000 | 20 |       |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug / Kg | 2500 | 14000 | 20 |       |
| 91-20-3    | Naphthalene                 | ND      | U         | ug / Kg | 2300 | 14000 | 20 |       |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug / Kg | 1600 | 14000 | 20 |       |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug / Kg | 2100 | 14000 | 20 |       |
| 105-60-2   | Caprolactam                 | ND      | U         | ug / Kg | 2200 | 14000 | 20 |       |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug / Kg | 1900 | 14000 | 20 |       |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug / Kg | 2300 | 14000 | 20 |       |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug / Kg | 2200 | 14000 | 20 |       |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug / Kg | 2000 | 14000 | 20 |       |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug / Kg | 2100 | 34000 | 20 |       |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug / Kg | 2200 | 14000 | 20 |       |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug / Kg | 2200 | 14000 | 20 |       |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug / Kg | 1700 | 34000 | 20 |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-5-1-2                        | Lab Sample ID:  | Y2852-08 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 3.00     |
| Result Type:         | Final                          | DataFile:       | BA032200 |

| CAS Number | Parameter                  | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/R |
|------------|----------------------------|---------|-----------|-------|-------|-------|----|-------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug/Kg | 2200  | 14000 | 20 |       |
| 208-96-8   | Acenaphthylene             | ND      | U         | ug/Kg | 2200  | 14000 | 20 |       |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug/Kg | 1900  | 14000 | 20 |       |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug/Kg | 1800  | 34000 | 20 |       |
| 83-32-9    | Acenaphthene               | ND      | U         | ug/Kg | 2400  | 14000 | 20 |       |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug/Kg | 12000 | 34000 | 20 |       |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug/Kg | 1700  | 34000 | 20 |       |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug/Kg | 2200  | 14000 | 20 |       |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug/Kg | 2000  | 14000 | 20 |       |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug/Kg | 2300  | 14000 | 20 |       |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug/Kg | 2100  | 14000 | 20 |       |
| 86-73-7    | Fluorene                   | ND      | U         | ug/Kg | 2300  | 14000 | 20 |       |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug/Kg | 2300  | 34000 | 20 |       |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug/Kg | 2600  | 34000 | 20 |       |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug/Kg | 2200  | 14000 | 20 |       |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug/Kg | 2000  | 14000 | 20 |       |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug/Kg | 2200  | 14000 | 20 |       |
| 1912-24-9  | Atrazine                   | ND      | U         | ug/Kg | 2100  | 14000 | 20 |       |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug/Kg | 3100  | 34000 | 20 |       |
| 85-01-8    | Phenanthrene               | ND      | U         | ug/Kg | 2200  | 14000 | 20 |       |
| 120-12-7   | Anthracene                 | ND      | U         | ug/Kg | 2000  | 14000 | 20 |       |
| 86-74-8    | Carbazole                  | ND      | U         | ug/Kg | 2100  | 14000 | 20 |       |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug/Kg | 2100  | 14000 | 20 |       |
| 206-44-0   | Fluoranthene               | ND      | U         | ug/Kg | 2000  | 14000 | 20 |       |
| 129-00-0   | Pyrene                     | ND      | U         | ug/Kg | 2400  | 14000 | 20 |       |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug/Kg | 2200  | 14000 | 20 |       |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug/Kg | 2300  | 14000 | 20 |       |
| 56-55-3    | Benzo(a)anthracene         | ND      | U         | ug/Kg | 1900  | 14000 | 20 |       |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/23/07

Project ID: Rockefeller University # 10757

Date Received: 05/23/07

Customer Sample No.: B-5-1-2

Lab Sample ID: Y2852-08

Test: SVOC-TCL BNA -20

SDG ID: Y2852

Analytical Method: EPA SW-846 8270

% Moisture: 3.00

Result Type: Final

DataFile: BA032200

| CAS Number | Parameter                  | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/R |
|------------|----------------------------|---------|-----------|-------|------|-------|----|-------|
| 218-01-9   | Chrysene                   | ND      | U         | ug/Kg | 2400 | 14000 | 20 |       |
| 117-81-7   | bis(2-Ethylhexyl)phthalate | ND      | U         | ug/Kg | 2600 | 14000 | 20 |       |
| 117-84-0   | Di-n-octyl phthalate       | ND      | U         | ug/Kg | 2300 | 14000 | 20 |       |
| 205-99-2   | Benzo(b)fluoranthene       | ND      | U         | ug/Kg | 1500 | 14000 | 20 |       |
| 207-08-9   | Benzo(k)fluoranthene       | ND      | U         | ug/Kg | 3000 | 14000 | 20 |       |
| 50-32-8    | Benzo(a)pyrene             | ND      | U         | ug/Kg | 2200 | 14000 | 20 |       |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | ND      | U         | ug/Kg | 1700 | 14000 | 20 |       |
| 53-70-3    | Dibenz(a,h)anthracene      | ND      | U         | ug/Kg | 1700 | 14000 | 20 |       |
| 191-24-2   | Benzo(g,h,i)perylene       | ND      | U         | ug/Kg | 2200 | 14000 | 20 |       |
|            | ACP4.09                    | 11000   | A         | ug/Kg | 0    | 0     | 20 | TIC   |





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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-5-1-2                        | Lab Sample ID:  | Y2852-08 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 3.00     |
| Result Type:         | Final                          | Datafile:       | VK017129 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 4.4 | 26    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 4.4 | 26    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 4.2 | 26    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 10  | 26    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 11  | 26    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 6.4 | 26    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 3.4 | 26    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.0 | 26    | 1  |       |
| 67-64-1    | Acetone                        | ND      | U         | ug / Kg | 17  | 130   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 1.9 | 26    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 1.9 | 26    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 4.5 | 26    | 1  |       |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug / Kg | 9.4 | 26    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.3 | 26    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.4 | 26    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 1.7 | 26    | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 15  | 130   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.3 | 26    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 1.7 | 26    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 1.8 | 26    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.2 | 26    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.2 | 26    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.1 | 26    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.6 | 26    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.6 | 26    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.0 | 26    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 1.7 | 26    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 10  | 130   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-5-1-2                        | Lab Sample ID:  | Y2852-08 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 3.00     |
| Result Type:         | Final                          | DataFile:       | VK017129 |

| CAS Number  | Parameter                   | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|---------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug / Kg | 2.1 | 26    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug / Kg | 1.9 | 26    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug / Kg | 1.7 | 26    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug / Kg | 1.5 | 26    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug / Kg | 19  | 130   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug / Kg | 1.2 | 26    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug / Kg | 2.1 | 26    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug / Kg | 3.8 | 26    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug / Kg | 1.9 | 26    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug / Kg | 1.8 | 26    | 1  |       |
| 126777-61-2 | m / p-Xylenes               | ND      | U         | ug / Kg | 4.5 | 52    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug / Kg | 2.0 | 26    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug / Kg | 2.4 | 26    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug / Kg | 1.6 | 26    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug / Kg | 2.1 | 26    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug / Kg | 1.6 | 26    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug / Kg | 2.9 | 26    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug / Kg | 2.8 | 26    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug / Kg | 2.0 | 26    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug / Kg | 4.9 | 26    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug / Kg | 3.5 | 26    | 1  |       |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/23/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/23/07</b> |
| <b>Customer Sample No.:</b> | <b>B-4-1-2</b>                        | <b>Lab Sample ID:</b>  | <b>Y2852-09</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2852</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>2.10</b>     |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>052607B</b>  |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | 0.016   |           | mg/Kg | 0.003 | 0.010 | 1  |        |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/23/07

Project ID: Rockefeller University # 10757

Date Received: 05/23/07

Customer Sample No.: B-4-1-2

Lab Sample ID: Y2852-09

Test: Metals ICP-TAL

SDG ID: Y2852

Analytical Method: EPA SW-846 6010 - ICP1

% Moisture: 2.10

Result Type: Final

Datafile: P1052907

| CAS Number | Parameter | Results  | Qualifier | Units   | DL            | RT/RL          | DF | DIL/R |
|------------|-----------|----------|-----------|---------|---------------|----------------|----|-------|
| 7429-90-5  | Aluminum  | 18800    |           | mg / Kg | 0.909         | 5.110          | 1  |       |
| 7440-36-0  | Antimony  | ND       | UN        | mg / Kg | 0.347         | 2.550          | 1  |       |
| 7440-38-2  | Arsenic   | ND       | U         | mg / Kg | 0.204         | 1.020          | 1  |       |
| 7440-39-3  | Barium    | 231      |           | mg / Kg | 0.153         | 5.110          | 1  |       |
| 7440-41-7  | Beryllium | 0.363    |           | mg / Kg | 0.010         | 0.306          | 1  |       |
| 7440-43-9  | Cadmium   | 0.074    | J         | mg / Kg | 0.061         | 0.306          | 1  |       |
| 7440-70-2  | Calcium   | 13200    |           | mg / Kg | 1.750         | 102            | 1  |       |
| 7440-47-3  | Chromium  | 41.0     |           | mg / Kg | 0.112         | 0.511          | 1  |       |
| 7440-48-4  | Cobalt    | 23.5     |           | mg / Kg | 0.143         | 1.530          | 1  |       |
| 7440-50-8  | Copper    | 50.6     |           | mg / Kg | 0.133         | 1.020          | 1  |       |
| 7439-89-6  | Iron      | 29500    |           | mg / Kg | 2.730         | 5.110          | 1  |       |
| 7439-92-1  | Lead      | 6.340    |           | mg / Kg | 0.143         | 0.613          | 1  |       |
| 7439-95-4  | Magnesium | 9810     |           | mg / Kg | 1.770         | 102            | 1  |       |
| 7439-96-5  | Manganese | 286      |           | mg / Kg | 0.061         | 1.020          | 1  |       |
| 7440-02-0  | Nickel    | 40.8     |           | mg / Kg | 0.123         | 2.040          | 1  |       |
| 7440-09-7  | Potassium | 13145.08 | OR        | mg / Kg | 22.4310512543 | 102.1450500488 | 1  |       |
| 7782-49-2  | Selenium  | ND       | U         | mg / Kg | 0.184         | 1.020          | 1  |       |
| 7440-      | Silver    | 2.120    |           | mg / Kg | 0.184         | 0.511          | 1  |       |

|           |          |      |           |       |       |   |
|-----------|----------|------|-----------|-------|-------|---|
| 22-4      |          |      |           |       |       |   |
| 7440-23-5 | Sodium   | 117  | mg / Kg   | 29.5  | 102   | 1 |
| 7440-28-0 | Thallium | ND   | U mg / Kg | 1.930 | 2.040 | 1 |
| 7440-62-2 | Vanadium | 57.7 | mg / Kg   | 0.153 | 2.040 | 1 |
| 7440-66-6 | Zinc     | 96.4 | mg / Kg   | 1.090 | 2.040 | 1 |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/23/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/23/07

**Customer Sample No.:** B-4-1-2

**Lab Sample ID:** Y2852-09

**Test:** PCB

**SDG ID:** Y2852

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 2.00

**Result Type:** Final

**Datafile:** P6004275

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 2.5 | 17    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 3.9 | 17    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 5.9 | 17    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 5.2 | 17    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 2.5 | 17    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 1.7 | 17    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 4.2 | 17    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-4-1-2                        | Lab Sample ID:  | Y2852-09 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 2.00     |
| Result Type:         | Final                          | Datafile:       | P1006173 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.65 | 1.7   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 0.89 | 1.7   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 1.7  | 1.7   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.73 | 1.7   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 0.94 | 1.7   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.2  | 1.7   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.1  | 1.7   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 0.89 | 1.7   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 0.84 | 1.7   | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/Kg | 0.80 | 1.7   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 0.87 | 1.7   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 0.96 | 1.7   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.71 | 1.7   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.1  | 1.7   | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/Kg | 0.73 | 1.7   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 0.87 | 1.7   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 0.84 | 1.7   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.0  | 1.7   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/Kg | 0.85 | 1.7   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 0.89 | 1.7   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 3.6  | 17    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-4-1-2                        | Lab Sample ID:  | Y2852-09 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 2.00     |
| Result Type:         | Final                          | Datafile:       | BA032191 |

| CAS Number | Parameter                   | Results | Qualifier | Units   | DL | RT/RL | DF | DIL/RI |
|------------|-----------------------------|---------|-----------|---------|----|-------|----|--------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug / Kg | 69 | 330   | 1  |        |
| 108-95-2   | Phenol                      | ND      | U         | ug / Kg | 51 | 330   | 1  |        |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug / Kg | 53 | 330   | 1  |        |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug / Kg | 54 | 330   | 1  |        |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug / Kg | 56 | 330   | 1  |        |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug / Kg | 54 | 330   | 1  |        |
| 98-86-2    | Acetophenone                | ND      | U         | ug / Kg | 49 | 330   | 1  |        |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug / Kg | 53 | 330   | 1  |        |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug / Kg | 56 | 330   | 1  |        |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug / Kg | 57 | 330   | 1  |        |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug / Kg | 73 | 330   | 1  |        |
| 78-59-1    | Isophorone                  | ND      | U         | ug / Kg | 50 | 330   | 1  |        |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug / Kg | 52 | 330   | 1  |        |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug / Kg | 53 | 330   | 1  |        |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug / Kg | 55 | 330   | 1  |        |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug / Kg | 62 | 330   | 1  |        |
| 91-20-3    | Naphthalene                 | ND      | U         | ug / Kg | 57 | 330   | 1  |        |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug / Kg | 40 | 330   | 1  |        |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug / Kg | 52 | 330   | 1  |        |
| 105-60-2   | Caprolactam                 | ND      | U         | ug / Kg | 54 | 330   | 1  |        |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug / Kg | 46 | 330   | 1  |        |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug / Kg | 56 | 330   | 1  |        |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug / Kg | 54 | 330   | 1  |        |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug / Kg | 49 | 330   | 1  |        |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug / Kg | 51 | 840   | 1  |        |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug / Kg | 55 | 330   | 1  |        |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug / Kg | 56 | 330   | 1  |        |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug / Kg | 43 | 840   | 1  |        |





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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-4-1-2                        | Lab Sample ID:  | Y2852-09 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 2.00     |
| Result Type:         | Final                          | DataFile:       | BA032191 |

| CAS Number | Parameter                  | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RI |
|------------|----------------------------|---------|-----------|---------|-----|-------|----|--------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug / Kg | 54  | 330   | 1  |        |
| 208-96-8   | Acenaphthylene             | ND      | U         | ug / Kg | 55  | 330   | 1  |        |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug / Kg | 48  | 330   | 1  |        |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug / Kg | 44  | 840   | 1  |        |
| 83-32-9    | Acenaphthene               | ND      | U         | ug / Kg | 60  | 330   | 1  |        |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug / Kg | 290 | 840   | 1  |        |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug / Kg | 42  | 840   | 1  |        |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug / Kg | 56  | 330   | 1  |        |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug / Kg | 49  | 330   | 1  |        |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug / Kg | 58  | 330   | 1  |        |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug / Kg | 53  | 330   | 1  |        |
| 86-73-7    | Fluorene                   | ND      | U         | ug / Kg | 57  | 330   | 1  |        |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug / Kg | 57  | 840   | 1  |        |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug / Kg | 65  | 840   | 1  |        |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug / Kg | 55  | 330   | 1  |        |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug / Kg | 50  | 330   | 1  |        |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug / Kg | 54  | 330   | 1  |        |
| 1912-24-9  | Atrazine                   | ND      | U         | ug / Kg | 51  | 330   | 1  |        |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug / Kg | 78  | 840   | 1  |        |
| 85-01-8    | Phenanthrene               | 380     |           | ug / Kg | 53  | 330   | 1  |        |
| 120-12-7   | Anthracene                 | 100     | J         | ug / Kg | 51  | 330   | 1  |        |
| 86-74-8    | Carbazole                  | ND      | U         | ug / Kg | 51  | 330   | 1  |        |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug / Kg | 51  | 330   | 1  |        |
| 206-44-0   | Fluoranthene               | 1200    |           | ug / Kg | 50  | 330   | 1  |        |
| 129-00-0   | Pyrene                     | 1300    |           | ug / Kg | 59  | 330   | 1  |        |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug / Kg | 54  | 330   | 1  |        |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug / Kg | 57  | 330   | 1  |        |
| 56-55-3    | Benzo(a)anthracene         | 740     |           | ug / Kg | 47  | 330   | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-4-1-2                        | Lab Sample ID:  | Y2852-09 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 2.00     |
| Result Type:         | Final                          | DataFile:       | BA032191 |

| CAS Number   | Parameter                          | Results | Qualifier | Units   | DL | RT/RL | DF | DIL/R |
|--------------|------------------------------------|---------|-----------|---------|----|-------|----|-------|
| 218-01-9     | Chrysene                           | 710     |           | ug / Kg | 60 | 330   | 1  |       |
| 117-81-7     | bis(2-Ethylhexyl)phthalate         | ND      | U         | ug / Kg | 64 | 330   | 1  |       |
| 117-84-0     | Di-n-octyl phthalate               | ND      | U         | ug / Kg | 57 | 330   | 1  |       |
| 205-99-2     | Benzo(b)fluoranthene               | 930     |           | ug / Kg | 37 | 330   | 1  |       |
| 207-08-9     | Benzo(k)fluoranthene               | 260     | J         | ug / Kg | 74 | 330   | 1  |       |
| 50-32-8      | Benzo(a)pyrene                     | 680     |           | ug / Kg | 54 | 330   | 1  |       |
| 193-39-5     | Indeno(1,2,3-cd)pyrene             | 310     | J         | ug / Kg | 43 | 330   | 1  |       |
| 53-70-3      | Dibenz(a,h)anthracene              | 51      | J         | ug / Kg | 42 | 330   | 1  |       |
| 191-24-2     | Benzo(g,h,i)perylene               | 420     |           | ug / Kg | 56 | 330   | 1  |       |
| 213-46-7     | 1,2:7,8-Dibenzophenanthrene        | 120     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 1000190-54-9 | 10-Bromo-1,2,3,4-tetrahydro-phenan | 170     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 949-41-7     | 1H-Cyclopropa[l]phenanthrene,1a,9b | 170     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 203-64-5     | 4H-Cyclopenta[def]phenanthrene     | 340     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
|              | ACP4.13                            | 4800    | A         | ug / Kg | 0  | 0     | 1  | TIC   |
| 610-48-0     | Anthracene, 1-methyl-              | 220     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 3343-10-0    | Benz[j]aceanthrylene, 3-methyl-    | 130     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 5438-36-8    | Benzaldehyde, 4-hydroxy-3-iodo-5-m | 110     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 612-94-2     | Naphthalene, 2-phenyl-             | 190     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 483-87-4     | Phenanthrene, 1,7-dimethyl-        | 170     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 832-69-9     | Phenanthrene, 1-methyl-            | 99      | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 3674-66-6    | Phenanthrene, 2,5-dimethyl-        | 260     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 2531-84-2    | Phenanthrene, 2-methyl-            | 190     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
| 1576-67-6    | Phenanthrene, 3,6-dimethyl-        | 170     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
|              | unknown18.88                       | 120     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
|              | unknown23.16                       | 140     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
|              | unknown23.61                       | 510     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
|              | unknown23.98                       | 140     | J         | ug / Kg | 0  | 0     | 1  | TIC   |
|              | unknown28.05                       | 94      | J         | ug / Kg | 0  | 0     | 1  | TIC   |



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## Report of Analysis

|         |          |      |          |
|---------|----------|------|----------|
| Client: | AKRF INC | Date | 05/23/07 |
|---------|----------|------|----------|

**Project ID:**      **Rockefeller University # 10757**

**Customer**      **B-4-1-2**  
**Sample No.:**

**Test:**            **SVOC-TCL BNA -20**

**Analytical**      **EPA SW-846 8270**  
**Method:**

**Result Type:**    **Final**

**Collected:**

**Date Received:**    **05/23/07**

**Lab Sample**      **Y2852-09**  
**ID:**

**SDG ID:**            **Y2852**

**% Moisture:**        **2.00**

**DataFile:**            **BA032191**

| CAS Number | Parameter    | Results | Qualifier | Units | DL | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|-------|----|-------|----|--------|
|            | unknown29.09 | 98      | J         | ug/Kg | 0  | 0     | 1  | TIC    |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07 |
| Customer Sample No.: | B-4-1-2                        | Lab Sample ID:  | Y2852-09 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2852    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 2.00     |
| Result Type:         | Final                          | Datafile:       | VK017123 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 4.3 | 25    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 4.3 | 25    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 4.2 | 25    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 10  | 25    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 11  | 25    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 6.3 | 25    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 3.4 | 25    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 2.9 | 25    | 1  |       |
| 67-64-1    | Acetone                        | 160     |           | ug / Kg | 17  | 130   | 1  |       |
| 75-15-0    | Carbon Disulfide               | 17      | J         | ug / Kg | 1.9 | 25    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 1.9 | 25    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 4.4 | 25    | 1  |       |
| 75-09-2    | Methylene Chloride             | 29      |           | ug / Kg | 9.2 | 25    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.2 | 25    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.4 | 25    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 1.6 | 25    | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 14  | 130   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.2 | 25    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 1.6 | 25    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 1.8 | 25    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.1 | 25    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.1 | 25    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.0 | 25    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.6 | 25    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.6 | 25    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.0 | 25    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 1.7 | 25    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 10  | 130   | 1  |       |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/23/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/23/07</b> |
| <b>Customer Sample No.:</b> | <b>B-4-1-2</b>                        | <b>Lab Sample ID:</b>  | <b>Y2852-09</b> |
| <b>Test:</b>                | <b>VOC-TCLVOA-10</b>                  | <b>SDG ID:</b>         | <b>Y2852</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW846 8260</b>                 | <b>% Moisture:</b>     | <b>2.00</b>     |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>DataFile:</b>       | <b>VK017123</b> |

| CAS Number  | Parameter                   | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|---------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug / Kg | 2.0 | 25    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug / Kg | 1.8 | 25    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug / Kg | 1.7 | 25    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug / Kg | 1.5 | 25    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug / Kg | 18  | 130   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug / Kg | 1.2 | 25    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug / Kg | 2.0 | 25    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug / Kg | 3.7 | 25    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug / Kg | 1.8 | 25    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug / Kg | 1.8 | 25    | 1  |       |
| 126777-61-2 | m / p-Xylenes               | ND      | U         | ug / Kg | 4.4 | 51    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug / Kg | 1.9 | 25    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug / Kg | 2.3 | 25    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug / Kg | 1.6 | 25    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug / Kg | 2.1 | 25    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug / Kg | 1.6 | 25    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug / Kg | 2.8 | 25    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug / Kg | 2.8 | 25    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug / Kg | 1.9 | 25    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug / Kg | 4.8 | 25    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug / Kg | 3.5 | 25    | 1  |       |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/23/07

Project ID: Rockefeller University # 10757

Date Received: 05/23/07

Customer Sample No.: B-4-1-2

Lab Sample ID: Y2852-09DL

Test: Metals ICP-TAL

SDG ID: Y2852

Analytical Method: EPA SW-846 6010 - ICP1

% Moisture: 2.10

Result Type: Final

Datafile: P1052907

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 21500   | D         | mg/Kg | 9.090 | 51.1  | 10 | DIL    |
| 7440-36-0  | Antimony  | ND      | UND       | mg/Kg | 3.470 | 25.5  | 10 | DIL    |
| 7440-38-2  | Arsenic   | ND      | UD        | mg/Kg | 2.040 | 10.2  | 10 | DIL    |
| 7440-39-3  | Barium    | 247     | D         | mg/Kg | 1.530 | 51.1  | 10 | DIL    |
| 7440-41-7  | Beryllium | 0.194   | JD        | mg/Kg | 0.102 | 3.060 | 10 | DIL    |
| 7440-43-9  | Cadmium   | ND      | UD        | mg/Kg | 0.613 | 3.060 | 10 | DIL    |
| 7440-70-2  | Calcium   | 16500   | D         | mg/Kg | 17.5  | 1020  | 10 | DIL    |
| 7440-47-3  | Chromium  | 47.2    | D         | mg/Kg | 1.120 | 5.110 | 10 | DIL    |
| 7440-48-4  | Cobalt    | 24.7    | D         | mg/Kg | 1.430 | 15.3  | 10 | DIL    |
| 7440-50-8  | Copper    | 49.9    | D         | mg/Kg | 1.330 | 10.2  | 10 | DIL    |
| 7439-89-6  | Iron      | 35500   | D         | mg/Kg | 27.3  | 51.1  | 10 | DIL    |
| 7439-92-1  | Lead      | 3.400   | JD        | mg/Kg | 1.430 | 6.130 | 10 | DIL    |
| 7439-95-4  | Magnesium | 12400   | D         | mg/Kg | 17.7  | 1020  | 10 | DIL    |
| 7439-96-5  | Manganese | 337     | D         | mg/Kg | 0.613 | 10.2  | 10 | DIL    |
| 7440-02-0  | Nickel    | 47.0    | D         | mg/Kg | 1.230 | 20.4  | 10 | DIL    |
| 7440-09-7  | Potassium | 11900   | D         | mg/Kg | 224   | 1020  | 10 | DIL    |
| 7782-49-2  | Selenium  | ND      | UD        | mg/Kg | 1.840 | 10.2  | 10 | DIL    |
| 7440-22-4  | Silver    | ND      | UD        | mg/Kg | 1.840 | 5.110 | 10 | DIL    |
| 7440-23-5  | Sodium    | ND      | UD        | mg/Kg | 295   | 1020  | 10 | DIL    |
| 7440-28-0  | Thallium  | ND      | UD        | mg/Kg | 19.3  | 20.4  | 10 | DIL    |
| 7440-62-2  | Vanadium  | 62.9    | D         | mg/Kg | 1.530 | 20.4  | 10 | DIL    |
| 7440-66-6  | Zinc      | 118     | D         | mg/Kg | 10.9  | 20.4  | 10 | DIL    |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/23/07

Project ID: Rockefeller University # 10757

Date Received: 05/23/07

Customer Sample No.: B-4-1-2RE

Lab Sample ID: Y2852-09RE

Test: VOC-TCLVOA-10

SDG ID: Y2852

Analytical Method: EPA SW846 8260

% Moisture: 2.00

Result Type: Final

Datafile: VK017130

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 4.3 | 25    | 1  | RE    |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 4.3 | 25    | 1  | RE    |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 4.1 | 25    | 1  | RE    |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 10  | 25    | 1  | RE    |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 11  | 25    | 1  | RE    |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 6.2 | 25    | 1  | RE    |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 3.3 | 25    | 1  | RE    |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 2.9 | 25    | 1  | RE    |
| 67-64-1    | Acetone                        | ND      | U         | ug / Kg | 17  | 130   | 1  | RE    |
| 75-15-0    | Carbon Disulfide               | 9.4     | J         | ug / Kg | 1.8 | 25    | 1  | RE    |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 1.8 | 25    | 1  | RE    |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 4.3 | 25    | 1  | RE    |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug / Kg | 9.1 | 25    | 1  | RE    |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.2 | 25    | 1  | RE    |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.3 | 25    | 1  | RE    |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 1.6 | 25    | 1  | RE    |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 14  | 130   | 1  | RE    |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.2 | 25    | 1  | RE    |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 1.6 | 25    | 1  | RE    |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 1.7 | 25    | 1  | RE    |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.1 | 25    | 1  | RE    |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.1 | 25    | 1  | RE    |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.0 | 25    | 1  | RE    |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.5 | 25    | 1  | RE    |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.5 | 25    | 1  | RE    |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.0 | 25    | 1  | RE    |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 1.7 | 25    | 1  | RE    |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 9.9 | 130   | 1  | RE    |



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## Report of Analysis

|                      |                                |                 |            |       |     |       |    |       |  |
|----------------------|--------------------------------|-----------------|------------|-------|-----|-------|----|-------|--|
| Client:              | AKRF INC                       | Date Collected: | 05/23/07   |       |     |       |    |       |  |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/23/07   |       |     |       |    |       |  |
| Customer Sample No.: | B-4-1-2RE                      | Lab Sample ID:  | Y2852-09RE |       |     |       |    |       |  |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2852      |       |     |       |    |       |  |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 2.00       |       |     |       |    |       |  |
| Result Type:         | Final                          | DataFile:       | VK017130   |       |     |       |    |       |  |
| CAS Number           | Parameter                      | Results         | Qualifier  | Units | DL  | RT/RL | DF | DIL/R |  |
| 108-88-3             | Toluene                        | ND              | U          | ug/Kg | 2.0 | 25    | 1  | RE    |  |
| 10061-02-6           | t-1,3-Dichloropropene          | ND              | U          | ug/Kg | 1.8 | 25    | 1  | RE    |  |
| 10061-01-5           | cis-1,3-Dichloropropene        | ND              | U          | ug/Kg | 1.7 | 25    | 1  | RE    |  |
| 79-00-5              | 1,1,2-Trichloroethane          | ND              | U          | ug/Kg | 1.5 | 25    | 1  | RE    |  |
| 591-78-6             | 2-Hexanone                     | ND              | U          | ug/Kg | 18  | 130   | 1  | RE    |  |
| 124-48-1             | Dibromochloromethane           | ND              | U          | ug/Kg | 1.2 | 25    | 1  | RE    |  |
| 106-93-4             | 1,2-Dibromoethane              | ND              | U          | ug/Kg | 2.0 | 25    | 1  | RE    |  |
| 127-18-4             | Tetrachloroethene              | ND              | U          | ug/Kg | 3.7 | 25    | 1  | RE    |  |
| 108-90-7             | Chlorobenzene                  | ND              | U          | ug/Kg | 1.8 | 25    | 1  | RE    |  |
| 100-41-4             | Ethyl Benzene                  | ND              | U          | ug/Kg | 1.8 | 25    | 1  | RE    |  |
| 126777-61-2          | m/p-Xylenes                    | ND              | U          | ug/Kg | 4.3 | 50    | 1  | RE    |  |
| 95-47-6              | o-Xylene                       | ND              | U          | ug/Kg | 1.9 | 25    | 1  | RE    |  |
| 100-42-5             | Styrene                        | ND              | U          | ug/Kg | 2.3 | 25    | 1  | RE    |  |
| 75-25-2              | Bromoform                      | ND              | U          | ug/Kg | 1.6 | 25    | 1  | RE    |  |
| 98-82-8              | Isopropylbenzene               | ND              | U          | ug/Kg | 2.1 | 25    | 1  | RE    |  |
| 79-34-5              | 1,1,2,2-Tetrachloroethane      | ND              | U          | ug/Kg | 1.6 | 25    | 1  | RE    |  |
| 541-73-1             | 1,3-Dichlorobenzene            | ND              | U          | ug/Kg | 2.8 | 25    | 1  | RE    |  |
| 106-46-7             | 1,4-Dichlorobenzene            | ND              | U          | ug/Kg | 2.7 | 25    | 1  | RE    |  |
| 95-50-1              | 1,2-Dichlorobenzene            | ND              | U          | ug/Kg | 1.9 | 25    | 1  | RE    |  |
| 96-12-8              | 1,2-Dibromo-3-Chloropropane    | ND              | U          | ug/Kg | 4.7 | 25    | 1  | RE    |  |
| 120-82-1             | 1,2,4-Trichlorobenzene         | ND              | U          | ug/Kg | 3.4 | 25    | 1  | RE    |  |



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U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method  
Blank

N = Presumptive Evidence of a Compound

Project #: Y2852  
5/30/2007 3:39:16 PM  
End of Report

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# CHEMTECH

## CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
www.chemtech.net

CHEMTECH PROJECT NO. Y2881  
COC Number 065365

| CLIENT INFORMATION                                                                                                                                                                                                                                       |                                  |                                 |                | CLIENT PROJECT INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |                                                                                                                                                                                                         |              | CLIENT BILLING INFORMATION                                                                                                                                                                                                                                        |   |                                                                                           |   |   |   |   |   |   |          |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------------|---|---|---|---|---|---|----------|-----------|
| <b>REPORT TO BE SENT TO:</b><br>COMPANY: <u>AKRF</u><br>ADDRESS: <u>440 Park Ave South, 7th Floor</u><br>CITY: <u>New York</u> STATE: <u>NY</u> ZIP: <u>10016</u><br>ATTENTION: <u>Andy Rudko</u><br>PHONE: <u>646-388-9526</u> FAX: <u>212-726-0942</u> |                                  |                                 |                | PROJECT NAME: <u>Rockefeller University</u><br>PROJECT NO.: <u>10157</u> LOCATION: <u>1230 York Ave NY, NY</u><br>PROJECT MANAGER: <u>Andy Rudko</u><br>e-mail: <u>arudko@akrf.com</u><br>PHONE: <u>SAME</u>                                                                                                                                                                                                                                    |                      |                                                                                                                                                                                                         |              | BILL TO: _____ PO#: _____<br>ADDRESS: <u>SAME</u><br>CITY: _____ STATE: _____ ZIP: _____<br>ATTENTION: _____ PHONE: _____                                                                                                                                         |   |                                                                                           |   |   |   |   |   |   |          |           |
| <b>DATA TURNAROUND INFORMATION</b><br>FAX: _____ DAYS *<br>HARD COPY: _____ DAYS *<br>EDD: <u>5 days</u> DAYS *<br>* TO BE APPROVED BY CHEMTECH <u>See Quote 070</u><br>STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS                                     |                                  |                                 |                | <b>DATA DELIVERABLE INFORMATION</b><br><input type="checkbox"/> RESULTS ONLY <input type="checkbox"/> USEPA CLP<br><input type="checkbox"/> RESULTS + QC <input type="checkbox"/> New York State ASP "B"<br><input type="checkbox"/> New Jersey REDUCED <input checked="" type="checkbox"/> New York State ASP "A"<br><input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other _____<br><input type="checkbox"/> EDD FORMAT _____ |                      |                                                                                                                                                                                                         |              | <b>ANALYSIS</b><br><div style="border: 1px solid black; padding: 5px; transform: rotate(-15deg); display: inline-block;">           VOCS 8260<br/>           SVOCs 8270<br/>           PCBs 8081<br/>           PCBs 8082<br/>           TALY 8082         </div> |   |                                                                                           |   |   |   |   |   |   |          |           |
| CHEMTECH<br>SAMPLE<br>ID                                                                                                                                                                                                                                 | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX                | SAMPLE<br>TYPE |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SAMPLE<br>COLLECTION |                                                                                                                                                                                                         | # OF BOTTLES | PRESERVATIVES                                                                                                                                                                                                                                                     |   |                                                                                           |   |   |   |   |   |   | COMMENTS |           |
|                                                                                                                                                                                                                                                          |                                  |                                 | COMP           | GRAB                                                                                                                                                                                                                                                                                                                                                                                                                                            | DATE                 | TIME                                                                                                                                                                                                    |              | 1                                                                                                                                                                                                                                                                 | 2 | 3                                                                                         | 4 | 5 | 6 | 7 | 8 | 9 |          |           |
| 1.                                                                                                                                                                                                                                                       | B-12-5-7                         | S                               | X              |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5/24/07              | 0845                                                                                                                                                                                                    |              | X                                                                                                                                                                                                                                                                 | X | X                                                                                         | X | X |   |   |   |   |          |           |
| 2                                                                                                                                                                                                                                                        | B-12-13-15                       | S                               | X              |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5/24/07              | 0900                                                                                                                                                                                                    |              | X                                                                                                                                                                                                                                                                 | X | X                                                                                         | X | X |   |   |   |   |          |           |
| 3                                                                                                                                                                                                                                                        | B-13-6-8                         | S                               | X              |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5/24/07              | 1120                                                                                                                                                                                                    |              | X                                                                                                                                                                                                                                                                 | X | X                                                                                         | X | X |   |   |   |   |          |           |
| 4                                                                                                                                                                                                                                                        | B-13-10-12                       | S                               | X              |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5/24/07              | 11:30                                                                                                                                                                                                   |              | X                                                                                                                                                                                                                                                                 | X | X                                                                                         | X | X |   |   |   |   |          |           |
| 5                                                                                                                                                                                                                                                        | B-10-2-4                         | S                               | X              |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5/24/07              | 1310                                                                                                                                                                                                    |              | X                                                                                                                                                                                                                                                                 | X | X                                                                                         | X | X |   |   |   |   |          | Time 1310 |
| 6                                                                                                                                                                                                                                                        | B-9-2-4                          | S                               | X              |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5/24/07              | 1320                                                                                                                                                                                                    |              | X                                                                                                                                                                                                                                                                 | X | X                                                                                         | X | X |   |   |   |   |          | " 1320    |
| 7                                                                                                                                                                                                                                                        | B-11-2-4                         | S                               | X              |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5/24/07              | 1335                                                                                                                                                                                                    |              | X                                                                                                                                                                                                                                                                 | X | X                                                                                         | X | X |   |   |   |   |          | 1335      |
| 8                                                                                                                                                                                                                                                        | B-8-3-5                          | S                               | X              |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5/24/07              | 1430                                                                                                                                                                                                    |              | X                                                                                                                                                                                                                                                                 | X | X                                                                                         | X | X |   |   |   |   |          | B-8-3-5   |
| 9                                                                                                                                                                                                                                                        | B-7-2-4                          | S                               | X              |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5/24/07              | 1500                                                                                                                                                                                                    |              | X                                                                                                                                                                                                                                                                 | X | X                                                                                         | X | X |   |   |   |   |          |           |
| 10                                                                                                                                                                                                                                                       | B-14-3-5                         | S                               | X              |                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5/24/07              | 1520                                                                                                                                                                                                    |              | X                                                                                                                                                                                                                                                                 | X | X                                                                                         | X | X |   |   |   |   |          |           |
| <b>SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY</b>                                                                                                                                            |                                  |                                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                                                                                                                                                                                                         |              |                                                                                                                                                                                                                                                                   |   |                                                                                           |   |   |   |   |   |   |          |           |
| RELINQUISHED BY SAMPLER:<br>1. <u>Robin Hughes</u>                                                                                                                                                                                                       |                                  | DATE/TIME: <u>5-25-07 15:40</u> |                | RECEIVED BY:<br>1. <u>Th. Th. Th. Th.</u>                                                                                                                                                                                                                                                                                                                                                                                                       |                      | CONDITIONS OF BOTTLES OR COOLERS AT RECEIPT: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant<br>MeOH extraction requires an additional 4 oz jar for percent solid. |              | Cooler Temp. <u>5°C</u><br>Ice In Cooler?: <u>Yes</u>                                                                                                                                                                                                             |   |                                                                                           |   |   |   |   |   |   |          |           |
| RELINQUISHED BY:<br>2. _____                                                                                                                                                                                                                             |                                  | DATE/TIME: _____                |                | RECEIVED BY:<br>2. _____                                                                                                                                                                                                                                                                                                                                                                                                                        |                      | COMMENTS: _____                                                                                                                                                                                         |              |                                                                                                                                                                                                                                                                   |   |                                                                                           |   |   |   |   |   |   |          |           |
| RELINQUISHED BY:<br>3. <u>Th. Th. Th. Th.</u>                                                                                                                                                                                                            |                                  | DATE/TIME: <u>5/25/07 18:00</u> |                | RECEIVED FOR LAB BY:<br>3. <u>Carroll Av</u>                                                                                                                                                                                                                                                                                                                                                                                                    |                      | Page <u>1</u> of <u>1</u>                                                                                                                                                                               |              | SHIPPED VIA: CLIENT: <input type="checkbox"/> HAND DELIVERED <input type="checkbox"/> OVERNIGHT<br>CHEMTECH: <input checked="" type="checkbox"/> PICKED UP <input type="checkbox"/> OVERNIGHT                                                                     |   | Shipment Complete:<br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |   |   |   |   |   |   |          |           |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/24/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/25/07</b> |
| <b>Customer Sample No.:</b> | <b>B-12-5-7</b>                       | <b>Lab Sample ID:</b>  | <b>Y2881-01</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2881</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>19.50</b>    |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>053107A1</b> |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | 0.116   |           | mg/Kg | 0.004 | 0.012 | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-12-5-7                       | Lab Sample ID:  | Y2881-01 |
| Test:                | Metals ICP-TAL                 | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 6010 - ICP1         | % Moisture:     | 19.50    |
| Result Type:         | Final                          | Datafile:       | P1053107 |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 8980    |           | mg/Kg | 1.110 | 6.210 | 1  |        |
| 7440-36-0  | Antimony  | ND      | U         | mg/Kg | 0.422 | 3.110 | 1  |        |
| 7440-38-2  | Arsenic   | ND      | U         | mg/Kg | 0.248 | 1.240 | 1  |        |
| 7440-39-3  | Barium    | 76.6    |           | mg/Kg | 0.186 | 6.210 | 1  |        |
| 7440-41-7  | Beryllium | 0.406   |           | mg/Kg | 0.012 | 0.373 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | mg/Kg | 0.075 | 0.373 | 1  |        |
| 7440-70-2  | Calcium   | 1450    |           | mg/Kg | 2.120 | 124   | 1  |        |
| 7440-47-3  | Chromium  | 22.4    |           | mg/Kg | 0.137 | 0.621 | 1  |        |
| 7440-48-4  | Cobalt    | 10.1    |           | mg/Kg | 0.174 | 1.860 | 1  |        |
| 7440-50-8  | Copper    | 24.6    |           | mg/Kg | 0.161 | 1.240 | 1  |        |
| 7439-89-6  | Iron      | 17300   |           | mg/Kg | 3.320 | 6.210 | 1  |        |
| 7439-92-1  | Lead      | 15.0    |           | mg/Kg | 0.174 | 0.745 | 1  |        |
| 7439-95-4  | Magnesium | 4090    |           | mg/Kg | 2.150 | 124   | 1  |        |
| 7439-96-5  | Manganese | 274     |           | mg/Kg | 0.075 | 1.240 | 1  |        |
| 7440-02-0  | Nickel    | 17.4    |           | mg/Kg | 0.149 | 2.480 | 1  |        |
| 7440-09-7  | Potassium | 3400    |           | mg/Kg | 27.3  | 124   | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | mg/Kg | 0.224 | 1.240 | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | mg/Kg | 0.224 | 0.621 | 1  |        |
| 7440-23-5  | Sodium    | 71.9    | J         | mg/Kg | 35.9  | 124   | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | mg/Kg | 2.350 | 2.480 | 1  |        |
| 7440-62-2  | Vanadium  | 30.3    |           | mg/Kg | 0.186 | 2.480 | 1  |        |
| 7440-66-6  | Zinc      | 46.1    |           | mg/Kg | 1.330 | 2.480 | 1  |        |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/24/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/25/07

**Customer Sample No.:** B-12-5-7

**Lab Sample ID:** Y2881-01

**Test:** PCB

**SDG ID:** Y2881

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 19.00

**Result Type:** Final

**Datafile:** P6004343

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 3.1 | 21    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 4.8 | 21    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 7.1 | 21    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 6.3 | 21    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 3.1 | 21    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 2.0 | 21    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 5.1 | 21    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-12-5-7                       | Lab Sample ID:  | Y2881-01 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 19.00    |
| Result Type:         | Final                          | Datafile:       | P7014876 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.77 | 2.1   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 2.0  | 2.1   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.87 | 2.1   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.5  | 2.1   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.3  | 2.1   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/Kg | 0.95 | 2.1   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.85 | 2.1   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.3  | 2.1   | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/Kg | 0.87 | 2.1   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.2  | 2.1   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 4.3  | 21    | 1  |        |



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## Report of Analysis

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|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-12-5-7                       | Lab Sample ID:  | Y2881-01 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 19.00    |
| Result Type:         | Final                          | Datafile:       | BE041117 |

| CAS Number | Parameter                   | Results | Qualifier | Units   | DL | RT/RL | DF | DIL/R |
|------------|-----------------------------|---------|-----------|---------|----|-------|----|-------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug / Kg | 83 | 410   | 1  |       |
| 108-95-2   | Phenol                      | ND      | U         | ug / Kg | 62 | 410   | 1  |       |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug / Kg | 64 | 410   | 1  |       |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug / Kg | 65 | 410   | 1  |       |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug / Kg | 68 | 410   | 1  |       |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug / Kg | 65 | 410   | 1  |       |
| 98-86-2    | Acetophenone                | ND      | U         | ug / Kg | 59 | 410   | 1  |       |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug / Kg | 64 | 410   | 1  |       |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug / Kg | 67 | 410   | 1  |       |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug / Kg | 69 | 410   | 1  |       |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug / Kg | 89 | 410   | 1  |       |
| 78-59-1    | Isophorone                  | ND      | U         | ug / Kg | 61 | 410   | 1  |       |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug / Kg | 63 | 410   | 1  |       |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug / Kg | 64 | 410   | 1  |       |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug / Kg | 67 | 410   | 1  |       |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug / Kg | 75 | 410   | 1  |       |
| 91-20-3    | Naphthalene                 | ND      | U         | ug / Kg | 69 | 410   | 1  |       |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug / Kg | 48 | 410   | 1  |       |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug / Kg | 63 | 410   | 1  |       |
| 105-60-2   | Caprolactam                 | ND      | U         | ug / Kg | 65 | 410   | 1  |       |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug / Kg | 56 | 410   | 1  |       |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug / Kg | 68 | 410   | 1  |       |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug / Kg | 65 | 410   | 1  |       |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug / Kg | 60 | 410   | 1  |       |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug / Kg | 62 | 1000  | 1  |       |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug / Kg | 67 | 410   | 1  |       |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug / Kg | 67 | 410   | 1  |       |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug / Kg | 52 | 1000  | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-12-5-7                       | Lab Sample ID:  | Y2881-01 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 19.00    |
| Result Type:         | Final                          | DataFile:       | BE041117 |

| CAS Number | Parameter                  | Results | Qualifier | Units | DL  | RT/RL | DF | DIL/R |
|------------|----------------------------|---------|-----------|-------|-----|-------|----|-------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug/Kg | 65  | 410   | 1  |       |
| 208-96-8   | Acenaphthylene             | ND      | U         | ug/Kg | 66  | 410   | 1  |       |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug/Kg | 57  | 410   | 1  |       |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug/Kg | 53  | 1000  | 1  |       |
| 83-32-9    | Acenaphthene               | ND      | U         | ug/Kg | 72  | 410   | 1  |       |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug/Kg | 350 | 1000  | 1  |       |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug/Kg | 50  | 1000  | 1  |       |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug/Kg | 67  | 410   | 1  |       |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug/Kg | 60  | 410   | 1  |       |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug/Kg | 70  | 410   | 1  |       |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug/Kg | 64  | 410   | 1  |       |
| 86-73-7    | Fluorene                   | ND      | U         | ug/Kg | 69  | 410   | 1  |       |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug/Kg | 69  | 1000  | 1  |       |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug/Kg | 79  | 1000  | 1  |       |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug/Kg | 67  | 410   | 1  |       |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug/Kg | 61  | 410   | 1  |       |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug/Kg | 65  | 410   | 1  |       |
| 1912-24-9  | Atrazine                   | ND      | U         | ug/Kg | 62  | 410   | 1  |       |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug/Kg | 94  | 1000  | 1  |       |
| 85-01-8    | Phenanthrene               | ND      | U         | ug/Kg | 65  | 410   | 1  |       |
| 120-12-7   | Anthracene                 | ND      | U         | ug/Kg | 61  | 410   | 1  |       |
| 86-74-8    | Carbazole                  | ND      | U         | ug/Kg | 62  | 410   | 1  |       |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug/Kg | 62  | 410   | 1  |       |
| 206-44-0   | Fluoranthene               | ND      | U         | ug/Kg | 60  | 410   | 1  |       |
| 129-00-0   | Pyrene                     | ND      | U         | ug/Kg | 72  | 410   | 1  |       |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug/Kg | 66  | 410   | 1  |       |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug/Kg | 70  | 410   | 1  |       |
| 56-55-3    | Benzo(a)anthracene         | ND      | U         | ug/Kg | 57  | 410   | 1  |       |



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## Report of Analysis



|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-12-5-7                       | Lab Sample ID:  | Y2881-01 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 19.00    |
| Result Type:         | Final                          | DataFile:       | BE041117 |

| CAS Number | Parameter                  | Results | Qualifier | Units | DL | RT/RL | DF | DIL/RE |
|------------|----------------------------|---------|-----------|-------|----|-------|----|--------|
| 218-01-9   | Chrysene                   | ND      | U         | ug/Kg | 73 | 410   | 1  |        |
| 117-81-7   | bis(2-Ethylhexyl)phthalate | ND      | U         | ug/Kg | 78 | 410   | 1  |        |
| 117-84-0   | Di-n-octyl phthalate       | ND      | U         | ug/Kg | 69 | 410   | 1  |        |
| 205-99-2   | Benzo(b)fluoranthene       | ND      | U         | ug/Kg | 45 | 410   | 1  |        |
| 207-08-9   | Benzo(k)fluoranthene       | ND      | U         | ug/Kg | 89 | 410   | 1  |        |
| 50-32-8    | Benzo(a)pyrene             | ND      | U         | ug/Kg | 65 | 410   | 1  |        |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | ND      | U         | ug/Kg | 52 | 410   | 1  |        |
| 53-70-3    | Dibenz(a,h)anthracene      | ND      | U         | ug/Kg | 51 | 410   | 1  |        |
| 191-24-2   | Benzo(g,h,i)perylene       | ND      | U         | ug/Kg | 67 | 410   | 1  |        |
|            | ACP2.79                    | 6400    | A         | ug/Kg | 0  | 0     | 1  | TIC    |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-12-5-7                       | Lab Sample ID:  | Y2881-01 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 19.00    |
| Result Type:         | Final                          | Datafile:       | VK017174 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 5.2 | 31    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 5.2 | 31    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 5.0 | 31    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 12  | 31    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 13  | 31    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 7.6 | 31    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 4.1 | 31    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.5 | 31    | 1  |       |
| 67-64-1    | Acetone                        | 100     | JB        | ug / Kg | 21  | 150   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 2.2 | 31    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 2.2 | 31    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 5.3 | 31    | 1  |       |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug / Kg | 11  | 31    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.9 | 31    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.6 | 31    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 2.0 | 31    | 1  |       |
| 78-93-3    | 2-Butanone                     | 37      | J         | ug / Kg | 17  | 150   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.7 | 31    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 2.0 | 31    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 2.1 | 31    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.6 | 31    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.6 | 31    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.4 | 31    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.4 | 31    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 2.0 | 31    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 12  | 150   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-12-5-7                       | Lab Sample ID:  | Y2881-01 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 19.00    |
| Result Type:         | Final                          | DataFile:       | VK017174 |

| CAS Number  | Parameter                   | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|---------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug / Kg | 2.2 | 31    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug / Kg | 2.0 | 31    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug / Kg | 1.8 | 31    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug / Kg | 22  | 150   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug / Kg | 1.4 | 31    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug / Kg | 4.5 | 31    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug / Kg | 2.2 | 31    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug / Kg | 2.2 | 31    | 1  |       |
| 126777-61-2 | m / p-Xylenes               | ND      | U         | ug / Kg | 5.3 | 61    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug / Kg | 2.8 | 31    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug / Kg | 3.4 | 31    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug / Kg | 3.3 | 31    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug / Kg | 2.4 | 31    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug / Kg | 5.8 | 31    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug / Kg | 4.2 | 31    | 1  |       |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/24/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/25/07</b> |
| <b>Customer Sample No.:</b> | <b>B-12-13-15</b>                     | <b>Lab Sample ID:</b>  | <b>Y2881-02</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2881</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>18.00</b>    |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>053107A1</b> |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | ND      | U         | mg/Kg | 0.004 | 0.012 | 1  |        |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/24/07

Project ID: Rockefeller University # 10757

Date Received: 05/25/07

Customer Sample No.: B-12-13-15

Lab Sample ID: Y2881-02

Test: Metals ICP-TAL

SDG ID: Y2881

Analytical Method: EPA SW-846 6010 - ICP1

% Moisture: 18.00

Result Type: Final

Datafile: P1053107

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 9080    |           | mg/Kg | 1.090 | 6.100 | 1  |        |
| 7440-36-0  | Antimony  | ND      | U         | mg/Kg | 0.415 | 3.050 | 1  |        |
| 7440-38-2  | Arsenic   | ND      | U         | mg/Kg | 0.244 | 1.220 | 1  |        |
| 7440-39-3  | Barium    | 91.3    |           | mg/Kg | 0.183 | 6.100 | 1  |        |
| 7440-41-7  | Beryllium | 0.378   |           | mg/Kg | 0.012 | 0.366 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | mg/Kg | 0.073 | 0.366 | 1  |        |
| 7440-70-2  | Calcium   | 1170    |           | mg/Kg | 2.090 | 122   | 1  |        |
| 7440-47-3  | Chromium  | 19.7    |           | mg/Kg | 0.134 | 0.610 | 1  |        |
| 7440-48-4  | Cobalt    | 12.9    |           | mg/Kg | 0.171 | 1.830 | 1  |        |
| 7440-50-8  | Copper    | 35.8    |           | mg/Kg | 0.159 | 1.220 | 1  |        |
| 7439-89-6  | Iron      | 22500   |           | mg/Kg | 3.260 | 6.100 | 1  |        |
| 7439-92-1  | Lead      | 10.1    |           | mg/Kg | 0.171 | 0.732 | 1  |        |
| 7439-95-4  | Magnesium | 3460    |           | mg/Kg | 2.110 | 122   | 1  |        |
| 7439-96-5  | Manganese | 494     |           | mg/Kg | 0.073 | 1.220 | 1  |        |
| 7440-02-0  | Nickel    | 24.6    |           | mg/Kg | 0.146 | 2.440 | 1  |        |
| 7440-09-7  | Potassium | 3830    |           | mg/Kg | 26.8  | 122   | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | mg/Kg | 0.220 | 1.220 | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | mg/Kg | 0.220 | 0.610 | 1  |        |
| 7440-23-5  | Sodium    | ND      | U         | mg/Kg | 35.2  | 122   | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | mg/Kg | 2.300 | 2.440 | 1  |        |
| 7440-62-2  | Vanadium  | 31.5    |           | mg/Kg | 0.183 | 2.440 | 1  |        |
| 7440-66-6  | Zinc      | 59.9    |           | mg/Kg | 1.300 | 2.440 | 1  |        |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/24/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/25/07

**Customer Sample No.:** B-12-13-15

**Lab Sample ID:** Y2881-02

**Test:** PCB

**SDG ID:** Y2881

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 18.00

**Result Type:** Final

**Datafile:** P6004344

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 3.1 | 21    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 4.8 | 21    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 7.1 | 21    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 6.3 | 21    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 3.1 | 21    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 2.0 | 21    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 5.1 | 21    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-12-13-15                     | Lab Sample ID:  | Y2881-02 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 18.00    |
| Result Type:         | Final                          | Datafile:       | P7014877 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.76 | 2.0   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 1.9  | 2.0   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.86 | 2.0   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 1.1  | 2.0   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.5  | 2.0   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.3  | 2.0   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 0.98 | 2.0   | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/Kg | 0.94 | 2.0   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 1.1  | 2.0   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.84 | 2.0   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.3  | 2.0   | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/Kg | 0.86 | 2.0   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 0.98 | 2.0   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.2  | 2.0   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 4.3  | 20    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-12-13-15                     | Lab Sample ID:  | Y2881-02 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 18.00    |
| Result Type:         | Final                          | Datafile:       | BE041143 |

| CAS Number | Parameter                   | Results | Qualifier | Units   | DL | RT/RL | DF | DIL/R |
|------------|-----------------------------|---------|-----------|---------|----|-------|----|-------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug / Kg | 82 | 400   | 1  |       |
| 108-95-2   | Phenol                      | ND      | U         | ug / Kg | 61 | 400   | 1  |       |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug / Kg | 63 | 400   | 1  |       |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug / Kg | 64 | 400   | 1  |       |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug / Kg | 67 | 400   | 1  |       |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug / Kg | 65 | 400   | 1  |       |
| 98-86-2    | Acetophenone                | ND      | U         | ug / Kg | 59 | 400   | 1  |       |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug / Kg | 63 | 400   | 1  |       |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug / Kg | 66 | 400   | 1  |       |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug / Kg | 68 | 400   | 1  |       |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug / Kg | 88 | 400   | 1  |       |
| 78-59-1    | Isophorone                  | ND      | U         | ug / Kg | 60 | 400   | 1  |       |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug / Kg | 62 | 400   | 1  |       |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug / Kg | 64 | 400   | 1  |       |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug / Kg | 66 | 400   | 1  |       |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug / Kg | 74 | 400   | 1  |       |
| 91-20-3    | Naphthalene                 | ND      | U         | ug / Kg | 69 | 400   | 1  |       |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug / Kg | 48 | 400   | 1  |       |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug / Kg | 62 | 400   | 1  |       |
| 105-60-2   | Caprolactam                 | ND      | U         | ug / Kg | 65 | 400   | 1  |       |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug / Kg | 55 | 400   | 1  |       |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug / Kg | 67 | 400   | 1  |       |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug / Kg | 64 | 400   | 1  |       |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug / Kg | 59 | 400   | 1  |       |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug / Kg | 61 | 1000  | 1  |       |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug / Kg | 66 | 400   | 1  |       |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug / Kg | 67 | 400   | 1  |       |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug / Kg | 51 | 1000  | 1  |       |





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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-12-13-15                     | Lab Sample ID:  | Y2881-02 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 18.00    |
| Result Type:         | Final                          | DataFile:       | BE041143 |

| CAS Number | Parameter                  | Results | Qualifier | Units | DL  | RT/RL | DF | DIL/R |
|------------|----------------------------|---------|-----------|-------|-----|-------|----|-------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug/Kg | 65  | 400   | 1  |       |
| 208-96-8   | Acenaphthylene             | ND      | U         | ug/Kg | 65  | 400   | 1  |       |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug/Kg | 57  | 400   | 1  |       |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug/Kg | 52  | 1000  | 1  |       |
| 83-32-9    | Acenaphthene               | ND      | U         | ug/Kg | 71  | 400   | 1  |       |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug/Kg | 340 | 1000  | 1  |       |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug/Kg | 50  | 1000  | 1  |       |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug/Kg | 66  | 400   | 1  |       |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug/Kg | 59  | 400   | 1  |       |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug/Kg | 69  | 400   | 1  |       |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug/Kg | 63  | 400   | 1  |       |
| 86-73-7    | Fluorene                   | ND      | U         | ug/Kg | 68  | 400   | 1  |       |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug/Kg | 69  | 1000  | 1  |       |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug/Kg | 78  | 1000  | 1  |       |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug/Kg | 66  | 400   | 1  |       |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug/Kg | 60  | 400   | 1  |       |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug/Kg | 64  | 400   | 1  |       |
| 1912-24-9  | Atrazine                   | ND      | U         | ug/Kg | 62  | 400   | 1  |       |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug/Kg | 93  | 1000  | 1  |       |
| 85-01-8    | Phenanthrene               | ND      | U         | ug/Kg | 64  | 400   | 1  |       |
| 120-12-7   | Anthracene                 | ND      | U         | ug/Kg | 61  | 400   | 1  |       |
| 86-74-8    | Carbazole                  | ND      | U         | ug/Kg | 61  | 400   | 1  |       |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug/Kg | 61  | 400   | 1  |       |
| 206-44-0   | Fluoranthene               | ND      | U         | ug/Kg | 60  | 400   | 1  |       |
| 129-00-0   | Pyrene                     | ND      | U         | ug/Kg | 71  | 400   | 1  |       |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug/Kg | 65  | 400   | 1  |       |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug/Kg | 69  | 400   | 1  |       |
| 56-55-3    | Benzo(a)anthracene         | ND      | U         | ug/Kg | 56  | 400   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-12-13-15                     | Lab Sample ID:  | Y2881-02 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 18.00    |
| Result Type:         | Final                          | DataFile:       | BE041143 |

| CAS Number | Parameter                  | Results | Qualifier | Units   | DL | RT/RL | DF | DIL/RI |
|------------|----------------------------|---------|-----------|---------|----|-------|----|--------|
| 218-01-9   | Chrysene                   | ND      | U         | ug / Kg | 72 | 400   | 1  |        |
| 117-81-7   | bis(2-Ethylhexyl)phthalate | ND      | U         | ug / Kg | 77 | 400   | 1  |        |
| 117-84-0   | Di-n-octyl phthalate       | ND      | U         | ug / Kg | 68 | 400   | 1  |        |
| 205-99-2   | Benzo(b)fluoranthene       | ND      | U         | ug / Kg | 44 | 400   | 1  |        |
| 207-08-9   | Benzo(k)fluoranthene       | ND      | U         | ug / Kg | 88 | 400   | 1  |        |
| 50-32-8    | Benzo(a)pyrene             | ND      | U         | ug / Kg | 64 | 400   | 1  |        |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | ND      | U         | ug / Kg | 51 | 400   | 1  |        |
| 53-70-3    | Dibenz(a,h)anthracene      | ND      | U         | ug / Kg | 50 | 400   | 1  |        |
| 191-24-2   | Benzo(g,h,i)perylene       | ND      | U         | ug / Kg | 66 | 400   | 1  |        |
|            | ACP2.77                    | 6600    | AB        | ug / Kg | 0  | 0     | 1  | TIC    |
| 7683-64-9  | Squalene                   | 280     | J         | ug / Kg | 0  | 0     | 1  | TIC    |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-12-13-15                     | Lab Sample ID:  | Y2881-02 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 18.00    |
| Result Type:         | Final                          | Datafile:       | VK017175 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 5.4 | 31    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 5.4 | 31    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 5.2 | 31    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 13  | 31    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 13  | 31    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 7.8 | 31    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 4.2 | 31    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.6 | 31    | 1  |       |
| 67-64-1    | Acetone                        | 88      | JB        | ug / Kg | 21  | 160   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 5.4 | 31    | 1  |       |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug / Kg | 11  | 31    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 4.0 | 31    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.7 | 31    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 2.0 | 31    | 1  |       |
| 78-93-3    | 2-Butanone                     | 34      | J         | ug / Kg | 18  | 160   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.8 | 31    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 2.0 | 31    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 2.2 | 31    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.6 | 31    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.6 | 31    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 2.1 | 31    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 12  | 160   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-12-13-15                     | Lab Sample ID:  | Y2881-02 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 18.00    |
| Result Type:         | Final                          | DataFile:       | VK017175 |

| CAS Number  | Parameter                   | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|---------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug / Kg | 2.1 | 31    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug / Kg | 1.8 | 31    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug / Kg | 23  | 160   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug / Kg | 1.4 | 31    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug / Kg | 4.6 | 31    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug / Kg | 2.2 | 31    | 1  |       |
| 126777-61-2 | m / p-Xylenes               | ND      | U         | ug / Kg | 5.4 | 63    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug / Kg | 2.4 | 31    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug / Kg | 2.9 | 31    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug / Kg | 2.6 | 31    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug / Kg | 2.0 | 31    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug / Kg | 3.5 | 31    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug / Kg | 3.4 | 31    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug / Kg | 2.4 | 31    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug / Kg | 5.9 | 31    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug / Kg | 4.3 | 31    | 1  |       |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/24/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/25/07</b> |
| <b>Customer Sample No.:</b> | <b>B-13-6-8</b>                       | <b>Lab Sample ID:</b>  | <b>Y2881-03</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2881</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>15.10</b>    |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>053107A1</b> |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | ND      | U         | mg/Kg | 0.004 | 0.012 | 1  |        |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/24/07

Project ID: Rockefeller University # 10757

Date Received: 05/25/07

Customer Sample No.: B-13-6-8

Lab Sample ID: Y2881-03

Test: Metals ICP-TAL

SDG ID: Y2881

Analytical Method: EPA SW-846 6010 - ICP1

% Moisture: 15.10

Result Type: Final

Datafile: P1053107

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 13000   |           | mg/Kg | 1.050 | 5.890 | 1  |        |
| 7440-36-0  | Antimony  | ND      | U         | mg/Kg | 0.400 | 2.940 | 1  |        |
| 7440-38-2  | Arsenic   | ND      | U         | mg/Kg | 0.236 | 1.180 | 1  |        |
| 7440-39-3  | Barium    | 104     |           | mg/Kg | 0.177 | 5.890 | 1  |        |
| 7440-41-7  | Beryllium | 0.484   |           | mg/Kg | 0.012 | 0.353 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | mg/Kg | 0.071 | 0.353 | 1  |        |
| 7440-70-2  | Calcium   | 985     |           | mg/Kg | 2.010 | 118   | 1  |        |
| 7440-47-3  | Chromium  | 20.6    |           | mg/Kg | 0.130 | 0.589 | 1  |        |
| 7440-48-4  | Cobalt    | 14.9    |           | mg/Kg | 0.165 | 1.770 | 1  |        |
| 7440-50-8  | Copper    | 35.2    |           | mg/Kg | 0.153 | 1.180 | 1  |        |
| 7439-89-6  | Iron      | 24000   |           | mg/Kg | 3.140 | 5.890 | 1  |        |
| 7439-92-1  | Lead      | 8.740   |           | mg/Kg | 0.165 | 0.707 | 1  |        |
| 7439-95-4  | Magnesium | 3400    |           | mg/Kg | 2.040 | 118   | 1  |        |
| 7439-96-5  | Manganese | 1050    |           | mg/Kg | 0.071 | 1.180 | 1  |        |
| 7440-02-0  | Nickel    | 25.2    |           | mg/Kg | 0.141 | 2.360 | 1  |        |
| 7440-09-7  | Potassium | 3690    |           | mg/Kg | 25.9  | 118   | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | mg/Kg | 0.212 | 1.180 | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | mg/Kg | 0.212 | 0.589 | 1  |        |
| 7440-23-5  | Sodium    | 59.1    | J         | mg/Kg | 34.0  | 118   | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | mg/Kg | 2.230 | 2.360 | 1  |        |
| 7440-62-2  | Vanadium  | 35.0    |           | mg/Kg | 0.177 | 2.360 | 1  |        |
| 7440-66-6  | Zinc      | 56.5    |           | mg/Kg | 1.260 | 2.360 | 1  |        |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/24/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/25/07

**Customer Sample No.:** B-13-6-8

**Lab Sample ID:** Y2881-03

**Test:** PCB

**SDG ID:** Y2881

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 15.00

**Result Type:** Final

**Datafile:** P6004345

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 3.0 | 20    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 4.6 | 20    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 6.9 | 20    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 6.1 | 20    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 3.0 | 20    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 1.9 | 20    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 4.9 | 20    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-13-6-8                       | Lab Sample ID:  | Y2881-03 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 15.00    |
| Result Type:         | Final                          | Datafile:       | P7014878 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.75 | 2.0   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 1.9  | 2.0   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.84 | 2.0   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 1.1  | 2.0   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.4  | 2.0   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.2  | 2.0   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 0.96 | 2.0   | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/Kg | 0.92 | 2.0   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 0.99 | 2.0   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 1.1  | 2.0   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.82 | 2.0   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.3  | 2.0   | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/Kg | 0.84 | 2.0   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 0.96 | 2.0   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.2  | 2.0   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/Kg | 0.98 | 2.0   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 4.2  | 20    | 1  |        |





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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-13-6-8                       | Lab Sample ID:  | Y2881-03 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 15.00    |
| Result Type:         | Final                          | Datafile:       | BE041141 |

| CAS Number | Parameter                   | Results | Qualifier | Units | DL | RT/RL | DF | DIL/RI |
|------------|-----------------------------|---------|-----------|-------|----|-------|----|--------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug/Kg | 79 | 390   | 1  |        |
| 108-95-2   | Phenol                      | ND      | U         | ug/Kg | 59 | 390   | 1  |        |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug/Kg | 61 | 390   | 1  |        |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug/Kg | 62 | 390   | 1  |        |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug/Kg | 64 | 390   | 1  |        |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug/Kg | 62 | 390   | 1  |        |
| 98-86-2    | Acetophenone                | ND      | U         | ug/Kg | 57 | 390   | 1  |        |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug/Kg | 61 | 390   | 1  |        |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug/Kg | 64 | 390   | 1  |        |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug/Kg | 66 | 390   | 1  |        |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug/Kg | 84 | 390   | 1  |        |
| 78-59-1    | Isophorone                  | ND      | U         | ug/Kg | 58 | 390   | 1  |        |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug/Kg | 59 | 390   | 1  |        |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug/Kg | 61 | 390   | 1  |        |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug/Kg | 64 | 390   | 1  |        |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug/Kg | 71 | 390   | 1  |        |
| 91-20-3    | Naphthalene                 | ND      | U         | ug/Kg | 66 | 390   | 1  |        |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug/Kg | 46 | 390   | 1  |        |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug/Kg | 59 | 390   | 1  |        |
| 105-60-2   | Caprolactam                 | ND      | U         | ug/Kg | 62 | 390   | 1  |        |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug/Kg | 53 | 390   | 1  |        |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug/Kg | 65 | 390   | 1  |        |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug/Kg | 62 | 390   | 1  |        |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug/Kg | 57 | 390   | 1  |        |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug/Kg | 59 | 970   | 1  |        |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug/Kg | 64 | 390   | 1  |        |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug/Kg | 64 | 390   | 1  |        |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug/Kg | 49 | 970   | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-13-6-8                       | Lab Sample ID:  | Y2881-03 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 15.00    |
| Result Type:         | Final                          | DataFile:       | BE041141 |

| CAS Number | Parameter                  | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RI |
|------------|----------------------------|---------|-----------|---------|-----|-------|----|--------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug / Kg | 62  | 390   | 1  |        |
| 208-96-8   | Acenaphthylene             | ND      | U         | ug / Kg | 63  | 390   | 1  |        |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug / Kg | 55  | 390   | 1  |        |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug / Kg | 50  | 970   | 1  |        |
| 83-32-9    | Acenaphthene               | ND      | U         | ug / Kg | 69  | 390   | 1  |        |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug / Kg | 330 | 970   | 1  |        |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug / Kg | 48  | 970   | 1  |        |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug / Kg | 64  | 390   | 1  |        |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug / Kg | 57  | 390   | 1  |        |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug / Kg | 67  | 390   | 1  |        |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug / Kg | 61  | 390   | 1  |        |
| 86-73-7    | Fluorene                   | ND      | U         | ug / Kg | 65  | 390   | 1  |        |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug / Kg | 66  | 970   | 1  |        |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug / Kg | 75  | 970   | 1  |        |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug / Kg | 64  | 390   | 1  |        |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug / Kg | 58  | 390   | 1  |        |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug / Kg | 62  | 390   | 1  |        |
| 1912-24-9  | Atrazine                   | ND      | U         | ug / Kg | 59  | 390   | 1  |        |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug / Kg | 89  | 970   | 1  |        |
| 85-01-8    | Phenanthrene               | ND      | U         | ug / Kg | 62  | 390   | 1  |        |
| 120-12-7   | Anthracene                 | ND      | U         | ug / Kg | 58  | 390   | 1  |        |
| 86-74-8    | Carbazole                  | ND      | U         | ug / Kg | 59  | 390   | 1  |        |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug / Kg | 59  | 390   | 1  |        |
| 206-44-0   | Fluoranthene               | ND      | U         | ug / Kg | 57  | 390   | 1  |        |
| 129-00-0   | Pyrene                     | ND      | U         | ug / Kg | 68  | 390   | 1  |        |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug / Kg | 62  | 390   | 1  |        |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug / Kg | 66  | 390   | 1  |        |
| 56-55-3    | Benzo(a)anthracene         | ND      | U         | ug / Kg | 54  | 390   | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-13-6-8                       | Lab Sample ID:  | Y2881-03 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 15.00    |
| Result Type:         | Final                          | DataFile:       | BE041141 |

| CAS Number | Parameter                          | Results | Qualifier | Units | DL | RT/RL | DF | DIL/R |
|------------|------------------------------------|---------|-----------|-------|----|-------|----|-------|
| 218-01-9   | Chrysene                           | ND      | U         | ug/Kg | 69 | 390   | 1  |       |
| 117-81-7   | bis(2-Ethylhexyl)phthalate         | 84      | J         | ug/Kg | 74 | 390   | 1  |       |
| 117-84-0   | Di-n-octyl phthalate               | ND      | U         | ug/Kg | 66 | 390   | 1  |       |
| 205-99-2   | Benzo(b)fluoranthene               | ND      | U         | ug/Kg | 43 | 390   | 1  |       |
| 207-08-9   | Benzo(k)fluoranthene               | ND      | U         | ug/Kg | 85 | 390   | 1  |       |
| 50-32-8    | Benzo(a)pyrene                     | ND      | U         | ug/Kg | 62 | 390   | 1  |       |
| 193-39-5   | Indeno(1,2,3-cd)pyrene             | ND      | U         | ug/Kg | 49 | 390   | 1  |       |
| 53-70-3    | Dibenz(a,h)anthracene              | ND      | U         | ug/Kg | 48 | 390   | 1  |       |
| 191-24-2   | Benzo(g,h,i)perylene               | ND      | U         | ug/Kg | 64 | 390   | 1  |       |
| 130-15-4   | 1,4-Naphthalenedione               | 160     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | ACP2.77                            | 6000    | AB        | ug/Kg | 0  | 0     | 1  | TIC   |
| 58956-78-8 | N-(2,2-Dichloro-1-hydroxy-ethyl)-2 | 180     | J         | ug/Kg | 0  | 0     | 1  | TIC   |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-13-6-8                       | Lab Sample ID:  | Y2881-03 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 15.00    |
| Result Type:         | Final                          | Datafile:       | VK017176 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 5.0 | 29    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 5.0 | 29    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 4.8 | 29    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 12  | 29    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 13  | 29    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 7.3 | 29    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 3.9 | 29    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.4 | 29    | 1  |       |
| 67-64-1    | Acetone                        | 160     | B         | ug / Kg | 20  | 150   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 2.2 | 29    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 2.2 | 29    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 5.1 | 29    | 1  |       |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug / Kg | 11  | 29    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.8 | 29    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.6 | 29    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 17  | 150   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.6 | 29    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 2.0 | 29    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.5 | 29    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.5 | 29    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 2.0 | 29    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 12  | 150   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-13-6-8                       | Lab Sample ID:  | Y2881-03 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 15.00    |
| Result Type:         | Final                          | DataFile:       | VK017176 |

| CAS Number  | Parameter                   | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|---------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug / Kg | 2.4 | 29    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug / Kg | 1.7 | 29    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug / Kg | 21  | 150   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug / Kg | 1.4 | 29    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug / Kg | 2.4 | 29    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug / Kg | 4.3 | 29    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 126777-61-2 | m / p-Xylenes               | ND      | U         | ug / Kg | 5.1 | 59    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug / Kg | 2.7 | 29    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug / Kg | 2.4 | 29    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug / Kg | 3.3 | 29    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug / Kg | 3.2 | 29    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug / Kg | 5.5 | 29    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug / Kg | 4.0 | 29    | 1  |       |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/24/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/25/07</b> |
| <b>Customer Sample No.:</b> | <b>B-13-10-12</b>                     | <b>Lab Sample ID:</b>  | <b>Y2881-04</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2881</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>18.90</b>    |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>053107A1</b> |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | ND      | U         | mg/Kg | 0.004 | 0.012 | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-13-10-12                     | Lab Sample ID:  | Y2881-04 |
| Test:                | Metals ICP-TAL                 | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 6010 - ICP1         | % Moisture:     | 18.90    |
| Result Type:         | Final                          | Datafile:       | P1053107 |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 12000   |           | mg/Kg | 1.100 | 6.170 | 1  |        |
| 7440-36-0  | Antimony  | ND      | U         | mg/Kg | 0.419 | 3.080 | 1  |        |
| 7440-38-2  | Arsenic   | ND      | U         | mg/Kg | 0.247 | 1.230 | 1  |        |
| 7440-39-3  | Barium    | 134     |           | mg/Kg | 0.185 | 6.170 | 1  |        |
| 7440-41-7  | Beryllium | 0.497   |           | mg/Kg | 0.012 | 0.370 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | mg/Kg | 0.074 | 0.370 | 1  |        |
| 7440-70-2  | Calcium   | 1060    |           | mg/Kg | 2.110 | 123   | 1  |        |
| 7440-47-3  | Chromium  | 21.6    |           | mg/Kg | 0.136 | 0.617 | 1  |        |
| 7440-48-4  | Cobalt    | 14.7    |           | mg/Kg | 0.173 | 1.850 | 1  |        |
| 7440-50-8  | Copper    | 40.4    |           | mg/Kg | 0.160 | 1.230 | 1  |        |
| 7439-89-6  | Iron      | 22800   |           | mg/Kg | 3.290 | 6.170 | 1  |        |
| 7439-92-1  | Lead      | 5.130   |           | mg/Kg | 0.173 | 0.740 | 1  |        |
| 7439-95-4  | Magnesium | 4810    |           | mg/Kg | 2.130 | 123   | 1  |        |
| 7439-96-5  | Manganese | 361     |           | mg/Kg | 0.074 | 1.230 | 1  |        |
| 7440-02-0  | Nickel    | 20.1    |           | mg/Kg | 0.148 | 2.470 | 1  |        |
| 7440-09-7  | Potassium | 6580    |           | mg/Kg | 27.1  | 123   | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | mg/Kg | 0.222 | 1.230 | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | mg/Kg | 0.222 | 0.617 | 1  |        |
| 7440-23-5  | Sodium    | ND      | U         | mg/Kg | 35.6  | 123   | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | mg/Kg | 2.330 | 2.470 | 1  |        |
| 7440-62-2  | Vanadium  | 37.8    |           | mg/Kg | 0.185 | 2.470 | 1  |        |
| 7440-66-6  | Zinc      | 57.3    |           | mg/Kg | 1.320 | 2.470 | 1  |        |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/24/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/25/07

**Customer Sample No.:** B-13-10-12

**Lab Sample ID:** Y2881-04

**Test:** PCB

**SDG ID:** Y2881

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 19.00

**Result Type:** Final

**Datafile:** P6004346

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 3.1 | 21    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 4.8 | 21    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 7.2 | 21    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 6.4 | 21    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 3.1 | 21    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 2.0 | 21    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 5.2 | 21    | 1  |        |





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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-13-10-12                     | Lab Sample ID:  | Y2881-04 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 19.00    |
| Result Type:         | Final                          | Datafile:       | P7014879 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.78 | 2.1   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 2.0  | 2.1   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.88 | 2.1   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.5  | 2.1   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.3  | 2.1   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/Kg | 0.96 | 2.1   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 1.2  | 2.1   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.86 | 2.1   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.3  | 2.1   | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/Kg | 0.88 | 2.1   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.2  | 2.1   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 4.4  | 21    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-13-10-12                     | Lab Sample ID:  | Y2881-04 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 19.00    |
| Result Type:         | Final                          | Datafile:       | BE041142 |

| CAS Number | Parameter                   | Results | Qualifier | Units   | DL | RT/RL | DF | DIL/R |
|------------|-----------------------------|---------|-----------|---------|----|-------|----|-------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug / Kg | 83 | 400   | 1  |       |
| 108-95-2   | Phenol                      | ND      | U         | ug / Kg | 61 | 400   | 1  |       |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug / Kg | 64 | 400   | 1  |       |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug / Kg | 65 | 400   | 1  |       |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug / Kg | 67 | 400   | 1  |       |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug / Kg | 65 | 400   | 1  |       |
| 98-86-2    | Acetophenone                | ND      | U         | ug / Kg | 59 | 400   | 1  |       |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug / Kg | 64 | 400   | 1  |       |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug / Kg | 67 | 400   | 1  |       |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug / Kg | 69 | 400   | 1  |       |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug / Kg | 88 | 400   | 1  |       |
| 78-59-1    | Isophorone                  | ND      | U         | ug / Kg | 61 | 400   | 1  |       |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug / Kg | 62 | 400   | 1  |       |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug / Kg | 64 | 400   | 1  |       |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug / Kg | 67 | 400   | 1  |       |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug / Kg | 75 | 400   | 1  |       |
| 91-20-3    | Naphthalene                 | ND      | U         | ug / Kg | 69 | 400   | 1  |       |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug / Kg | 48 | 400   | 1  |       |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug / Kg | 62 | 400   | 1  |       |
| 105-60-2   | Caprolactam                 | ND      | U         | ug / Kg | 65 | 400   | 1  |       |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug / Kg | 56 | 400   | 1  |       |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug / Kg | 68 | 400   | 1  |       |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug / Kg | 65 | 400   | 1  |       |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug / Kg | 59 | 400   | 1  |       |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug / Kg | 62 | 1000  | 1  |       |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug / Kg | 67 | 400   | 1  |       |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug / Kg | 67 | 400   | 1  |       |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug / Kg | 51 | 1000  | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-13-10-12                     | Lab Sample ID:  | Y2881-04 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 19.00    |
| Result Type:         | Final                          | DataFile:       | BE041142 |

| CAS Number | Parameter                  | Results | Qualifier | Units | DL  | RT/RL | DF | DIL/R |
|------------|----------------------------|---------|-----------|-------|-----|-------|----|-------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug/Kg | 65  | 400   | 1  |       |
| 208-96-8   | Acenaphthylene             | ND      | U         | ug/Kg | 66  | 400   | 1  |       |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug/Kg | 57  | 400   | 1  |       |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug/Kg | 53  | 1000  | 1  |       |
| 83-32-9    | Acenaphthene               | ND      | U         | ug/Kg | 72  | 400   | 1  |       |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug/Kg | 350 | 1000  | 1  |       |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug/Kg | 50  | 1000  | 1  |       |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug/Kg | 67  | 400   | 1  |       |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug/Kg | 59  | 400   | 1  |       |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug/Kg | 70  | 400   | 1  |       |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug/Kg | 64  | 400   | 1  |       |
| 86-73-7    | Fluorene                   | ND      | U         | ug/Kg | 68  | 400   | 1  |       |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug/Kg | 69  | 1000  | 1  |       |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug/Kg | 79  | 1000  | 1  |       |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug/Kg | 67  | 400   | 1  |       |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug/Kg | 60  | 400   | 1  |       |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug/Kg | 65  | 400   | 1  |       |
| 1912-24-9  | Atrazine                   | ND      | U         | ug/Kg | 62  | 400   | 1  |       |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug/Kg | 94  | 1000  | 1  |       |
| 85-01-8    | Phenanthrene               | ND      | U         | ug/Kg | 65  | 400   | 1  |       |
| 120-12-7   | Anthracene                 | ND      | U         | ug/Kg | 61  | 400   | 1  |       |
| 86-74-8    | Carbazole                  | ND      | U         | ug/Kg | 62  | 400   | 1  |       |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug/Kg | 62  | 400   | 1  |       |
| 206-44-0   | Fluoranthene               | ND      | U         | ug/Kg | 60  | 400   | 1  |       |
| 129-00-0   | Pyrene                     | ND      | U         | ug/Kg | 72  | 400   | 1  |       |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug/Kg | 65  | 400   | 1  |       |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug/Kg | 69  | 400   | 1  |       |
| 56-55-3    | Benzo(a)anthracene         | ND      | U         | ug/Kg | 57  | 400   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-13-10-12                     | Lab Sample ID:  | Y2881-04 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 19.00    |
| Result Type:         | Final                          | DataFile:       | BE041142 |

| CAS Number   | Parameter                  | Results | Qualifier | Units   | DL | RT/RL | DF | DIL/R |
|--------------|----------------------------|---------|-----------|---------|----|-------|----|-------|
| 218-01-9     | Chrysene                   | ND      | U         | ug / Kg | 73 | 400   | 1  |       |
| 117-81-7     | bis(2-Ethylhexyl)phthalate | ND      | U         | ug / Kg | 78 | 400   | 1  |       |
| 117-84-0     | Di-n-octyl phthalate       | ND      | U         | ug / Kg | 69 | 400   | 1  |       |
| 205-99-2     | Benzo(b)fluoranthene       | ND      | U         | ug / Kg | 45 | 400   | 1  |       |
| 207-08-9     | Benzo(k)fluoranthene       | ND      | U         | ug / Kg | 89 | 400   | 1  |       |
| 50-32-8      | Benzo(a)pyrene             | ND      | U         | ug / Kg | 65 | 400   | 1  |       |
| 193-39-5     | Indeno(1,2,3-cd)pyrene     | ND      | U         | ug / Kg | 51 | 400   | 1  |       |
| 53-70-3      | Dibenz(a,h)anthracene      | ND      | U         | ug / Kg | 51 | 400   | 1  |       |
| 191-24-2     | Benzo(g,h,i)perylene       | ND      | U         | ug / Kg | 67 | 400   | 1  |       |
|              | ACP2.77                    | 6500    | AB        | ug / Kg | 0  | 0     | 1  | TIC   |
| 1000130-97-9 | E-15-Heptadecenal          | 170     | J         | ug / Kg | 0  | 0     | 1  | TIC   |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-13-10-12                     | Lab Sample ID:  | Y2881-04 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 19.00    |
| Result Type:         | Final                          | Datafile:       | VK017177 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 5.2 | 30    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 5.2 | 30    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 5.0 | 30    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 12  | 30    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 13  | 30    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 7.5 | 30    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 4.0 | 30    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.5 | 30    | 1  |       |
| 67-64-1    | Acetone                        | ND      | U         | ug / Kg | 20  | 150   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 2.2 | 30    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 2.2 | 30    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 5.2 | 30    | 1  |       |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug / Kg | 11  | 30    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.9 | 30    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.6 | 30    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 2.0 | 30    | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 17  | 150   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.7 | 30    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 2.0 | 30    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 2.1 | 30    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.5 | 30    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.5 | 30    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.4 | 30    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.9 | 30    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.9 | 30    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.4 | 30    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 2.0 | 30    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 12  | 150   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-13-10-12                     | Lab Sample ID:  | Y2881-04 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 19.00    |
| Result Type:         | Final                          | DataFile:       | VK017177 |

| CAS Number  | Parameter                   | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|---------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug / Kg | 2.5 | 30    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug / Kg | 2.2 | 30    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug / Kg | 2.0 | 30    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug / Kg | 1.8 | 30    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug / Kg | 22  | 150   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug / Kg | 1.4 | 30    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug / Kg | 2.4 | 30    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug / Kg | 4.4 | 30    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug / Kg | 2.2 | 30    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug / Kg | 2.1 | 30    | 1  |       |
| 126777-61-2 | m / p-Xylenes               | ND      | U         | ug / Kg | 5.2 | 61    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug / Kg | 2.3 | 30    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug / Kg | 2.8 | 30    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug / Kg | 1.9 | 30    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug / Kg | 2.5 | 30    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug / Kg | 1.9 | 30    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug / Kg | 3.4 | 30    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug / Kg | 3.3 | 30    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug / Kg | 2.3 | 30    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug / Kg | 5.7 | 30    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug / Kg | 4.1 | 30    | 1  |       |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/24/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/25/07</b> |
| <b>Customer Sample No.:</b> | <b>B-10-2-4</b>                       | <b>Lab Sample ID:</b>  | <b>Y2881-05</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2881</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>12.70</b>    |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>053107A1</b> |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | 0.187   |           | mg/Kg | 0.004 | 0.011 | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-10-2-4                       | Lab Sample ID:  | Y2881-05 |
| Test:                | Metals ICP-TAL                 | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 6010 - ICP1         | % Moisture:     | 12.70    |
| Result Type:         | Final                          | Datafile:       | P1053107 |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 9910    |           | mg/Kg | 0.999 | 5.620 | 1  |        |
| 7440-36-0  | Antimony  | ND      | U         | mg/Kg | 0.382 | 2.810 | 1  |        |
| 7440-38-2  | Arsenic   | 4.270   |           | mg/Kg | 0.225 | 1.120 | 1  |        |
| 7440-39-3  | Barium    | 52.6    |           | mg/Kg | 0.168 | 5.620 | 1  |        |
| 7440-41-7  | Beryllium | 0.358   |           | mg/Kg | 0.011 | 0.337 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | mg/Kg | 0.067 | 0.337 | 1  |        |
| 7440-70-2  | Calcium   | 3740    |           | mg/Kg | 1.920 | 112   | 1  |        |
| 7440-47-3  | Chromium  | 14.9    |           | mg/Kg | 0.124 | 0.562 | 1  |        |
| 7440-48-4  | Cobalt    | 6.260   |           | mg/Kg | 0.157 | 1.680 | 1  |        |
| 7440-50-8  | Copper    | 18.2    |           | mg/Kg | 0.146 | 1.120 | 1  |        |
| 7439-89-6  | Iron      | 14700   |           | mg/Kg | 3.000 | 5.620 | 1  |        |
| 7439-92-1  | Lead      | 105     |           | mg/Kg | 0.157 | 0.674 | 1  |        |
| 7439-95-4  | Magnesium | 3220    |           | mg/Kg | 1.940 | 112   | 1  |        |
| 7439-96-5  | Manganese | 232     |           | mg/Kg | 0.067 | 1.120 | 1  |        |
| 7440-02-0  | Nickel    | 11.6    |           | mg/Kg | 0.135 | 2.250 | 1  |        |
| 7440-09-7  | Potassium | 1010    |           | mg/Kg | 24.7  | 112   | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | mg/Kg | 0.202 | 1.120 | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | mg/Kg | 0.202 | 0.562 | 1  |        |
| 7440-23-5  | Sodium    | 37.6    | J         | mg/Kg | 32.4  | 112   | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | mg/Kg | 2.120 | 2.250 | 1  |        |
| 7440-62-2  | Vanadium  | 24.7    |           | mg/Kg | 0.168 | 2.250 | 1  |        |
| 7440-66-6  | Zinc      | 90.4    |           | mg/Kg | 1.200 | 2.250 | 1  |        |





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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/24/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/25/07

**Customer Sample No.:** B-10-2-4

**Lab Sample ID:** Y2881-05

**Test:** PCB

**SDG ID:** Y2881

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 13.00

**Result Type:** Final

**Datafile:** P6004347

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 2.9 | 19    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 4.5 | 19    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 6.7 | 19    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 6.0 | 19    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 2.9 | 19    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 1.9 | 19    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 4.8 | 19    | 1  |        |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/24/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/25/07</b> |
| <b>Customer Sample No.:</b> | <b>B-10-2-4</b>                       | <b>Lab Sample ID:</b>  | <b>Y2881-05</b> |
| <b>Test:</b>                | <b>Pesticide-TCL</b>                  | <b>SDG ID:</b>         | <b>Y2881</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 8081</b>                | <b>% Moisture:</b>     | <b>13.00</b>    |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>P7014880</b> |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.73 | 1.9   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 1.0  | 1.9   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 1.9  | 1.9   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.82 | 1.9   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 1.1  | 1.9   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.4  | 1.9   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.2  | 1.9   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 1.0  | 1.9   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 0.95 | 1.9   | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/Kg | 0.90 | 1.9   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 0.97 | 1.9   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 1.1  | 1.9   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.80 | 1.9   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.2  | 1.9   | 1  |        |
| 50-29-3    | 4,4-DDT            | 2.6     |           | ug/Kg | 0.82 | 1.9   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 0.99 | 1.9   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 0.94 | 1.9   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.1  | 1.9   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | 2.7     | P         | ug/Kg | 0.96 | 1.9   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | 1.8     | JP        | ug/Kg | 1.0  | 1.9   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 4.1  | 19    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-10-2-4                       | Lab Sample ID:  | Y2881-05 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 13.00    |
| Result Type:         | Final                          | Datafile:       | BE041130 |

| CAS Number | Parameter                   | Results | Qualifier | Units | DL  | RT/RL | DF | DIL/R |
|------------|-----------------------------|---------|-----------|-------|-----|-------|----|-------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug/Kg | 390 | 1900  | 5  |       |
| 108-95-2   | Phenol                      | ND      | U         | ug/Kg | 290 | 1900  | 5  |       |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug/Kg | 300 | 1900  | 5  |       |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug/Kg | 300 | 1900  | 5  |       |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug/Kg | 310 | 1900  | 5  |       |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug/Kg | 300 | 1900  | 5  |       |
| 98-86-2    | Acetophenone                | ND      | U         | ug/Kg | 280 | 1900  | 5  |       |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug/Kg | 300 | 1900  | 5  |       |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug/Kg | 310 | 1900  | 5  |       |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug/Kg | 320 | 1900  | 5  |       |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug/Kg | 410 | 1900  | 5  |       |
| 78-59-1    | Isophorone                  | ND      | U         | ug/Kg | 280 | 1900  | 5  |       |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug/Kg | 290 | 1900  | 5  |       |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug/Kg | 300 | 1900  | 5  |       |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug/Kg | 310 | 1900  | 5  |       |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug/Kg | 350 | 1900  | 5  |       |
| 91-20-3    | Naphthalene                 | ND      | U         | ug/Kg | 320 | 1900  | 5  |       |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug/Kg | 230 | 1900  | 5  |       |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug/Kg | 290 | 1900  | 5  |       |
| 105-60-2   | Caprolactam                 | ND      | U         | ug/Kg | 300 | 1900  | 5  |       |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug/Kg | 260 | 1900  | 5  |       |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug/Kg | 320 | 1900  | 5  |       |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug/Kg | 300 | 1900  | 5  |       |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug/Kg | 280 | 1900  | 5  |       |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug/Kg | 290 | 4700  | 5  |       |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug/Kg | 310 | 1900  | 5  |       |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug/Kg | 310 | 1900  | 5  |       |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug/Kg | 240 | 4700  | 5  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-10-2-4                       | Lab Sample ID:  | Y2881-05 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 13.00    |
| Result Type:         | Final                          | DataFile:       | BE041130 |

| CAS Number | Parameter                  | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/R |
|------------|----------------------------|---------|-----------|-------|------|-------|----|-------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug/Kg | 300  | 1900  | 5  |       |
| 208-96-8   | Acenaphthylene             | 1500    | J         | ug/Kg | 310  | 1900  | 5  |       |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug/Kg | 270  | 1900  | 5  |       |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug/Kg | 250  | 4700  | 5  |       |
| 83-32-9    | Acenaphthene               | ND      | U         | ug/Kg | 340  | 1900  | 5  |       |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug/Kg | 1600 | 4700  | 5  |       |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug/Kg | 230  | 4700  | 5  |       |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug/Kg | 310  | 1900  | 5  |       |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug/Kg | 280  | 1900  | 5  |       |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug/Kg | 330  | 1900  | 5  |       |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug/Kg | 300  | 1900  | 5  |       |
| 86-73-7    | Fluorene                   | ND      | U         | ug/Kg | 320  | 1900  | 5  |       |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug/Kg | 320  | 4700  | 5  |       |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug/Kg | 370  | 4700  | 5  |       |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug/Kg | 310  | 1900  | 5  |       |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug/Kg | 280  | 1900  | 5  |       |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug/Kg | 300  | 1900  | 5  |       |
| 1912-24-9  | Atrazine                   | ND      | U         | ug/Kg | 290  | 1900  | 5  |       |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug/Kg | 440  | 4700  | 5  |       |
| 85-01-8    | Phenanthrene               | 1100    | J         | ug/Kg | 300  | 1900  | 5  |       |
| 120-12-7   | Anthracene                 | 880     | J         | ug/Kg | 280  | 1900  | 5  |       |
| 86-74-8    | Carbazole                  | ND      | U         | ug/Kg | 290  | 1900  | 5  |       |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug/Kg | 290  | 1900  | 5  |       |
| 206-44-0   | Fluoranthene               | 2400    |           | ug/Kg | 280  | 1900  | 5  |       |
| 129-00-0   | Pyrene                     | 3900    |           | ug/Kg | 330  | 1900  | 5  |       |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug/Kg | 310  | 1900  | 5  |       |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug/Kg | 320  | 1900  | 5  |       |
| 56-55-3    | Benzo(a)anthracene         | 1900    | J         | ug/Kg | 260  | 1900  | 5  |       |



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|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-10-2-4                       | Lab Sample ID:  | Y2881-05 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 13.00    |
| Result Type:         | Final                          | DataFile:       | BE041130 |

| CAS Number | Parameter                          | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|------------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 218-01-9   | Chrysene                           | 1900    |           | ug / Kg | 340 | 1900  | 5  |       |
| 117-81-7   | bis(2-Ethylhexyl)phthalate         | ND      | U         | ug / Kg | 360 | 1900  | 5  |       |
| 117-84-0   | Di-n-octyl phthalate               | ND      | U         | ug / Kg | 320 | 1900  | 5  |       |
| 205-99-2   | Benzo(b)fluoranthene               | 1800    | J         | ug / Kg | 210 | 1900  | 5  |       |
| 207-08-9   | Benzo(k)fluoranthene               | 750     | J         | ug / Kg | 420 | 1900  | 5  |       |
| 50-32-8    | Benzo(a)pyrene                     | 1800    | J         | ug / Kg | 300 | 1900  | 5  |       |
| 193-39-5   | Indeno(1,2,3-cd)pyrene             | 1100    | J         | ug / Kg | 240 | 1900  | 5  |       |
| 53-70-3    | Dibenz(a,h)anthracene              | ND      | U         | ug / Kg | 240 | 1900  | 5  |       |
| 191-24-2   | Benzo(g,h,i)perylene               | 1200    | J         | ug / Kg | 310 | 1900  | 5  |       |
| 4701-17-1  | 5-Bromo-2-thiophenecarboxaldehyde  | 1400    | J         | ug / Kg | 0   | 0     | 5  | TIC   |
| 84-65-1    | 9,10-Anthracenedione               | 490     | J         | ug / Kg | 0   | 0     | 5  | TIC   |
| 34373-96-1 | 9,10-Bis(bromomethyl)anthracene    | 420     | J         | ug / Kg | 0   | 0     | 5  | TIC   |
|            | ACP2.77                            | 6100    | AB        | ug / Kg | 0   | 0     | 5  | TIC   |
| 610-48-0   | Anthracene, 1-methyl-              | 660     | J         | ug / Kg | 0   | 0     | 5  | TIC   |
| 886-66-8   | Benzene, 1,1-(1,3-butadiyne-1,4-d  | 680     | J         | ug / Kg | 0   | 0     | 5  | TIC   |
| 5737-13-3  | Cyclopenta(def)phenanthrenone      | 700     | J         | ug / Kg | 0   | 0     | 5  | TIC   |
| 16587-34-1 | Naphtho[2,3-b]thiophene, 4,9-dimet | 400     | J         | ug / Kg | 0   | 0     | 5  | TIC   |
| 2531-84-2  | Phenanthrene, 2-methyl-            | 800     | J         | ug / Kg | 0   | 0     | 5  | TIC   |
| 1576-67-6  | Phenanthrene, 3,6-dimethyl-        | 1000    | J         | ug / Kg | 0   | 0     | 5  | TIC   |
| 832-71-3   | Phenanthrene, 3-methyl-            | 690     | J         | ug / Kg | 0   | 0     | 5  | TIC   |
| 2381-21-7  | Pyrene, 1-methyl-                  | 460     | J         | ug / Kg | 0   | 0     | 5  | TIC   |
| 3442-78-2  | Pyrene, 2-methyl-                  | 530     | J         | ug / Kg | 0   | 0     | 5  | TIC   |
|            | unknown10.40                       | 450     | J         | ug / Kg | 0   | 0     | 5  | TIC   |
|            | unknown12.43                       | 1500    | J         | ug / Kg | 0   | 0     | 5  | TIC   |



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|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-10-2-4                       | Lab Sample ID:  | Y2881-05 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 13.00    |
| Result Type:         | Final                          | Datafile:       | VK017178 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 5.0 | 29    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 5.0 | 29    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 4.8 | 29    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 12  | 29    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 12  | 29    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 7.2 | 29    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 3.9 | 29    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.3 | 29    | 1  |       |
| 67-64-1    | Acetone                        | 190     | B         | ug / Kg | 20  | 150   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 5.0 | 29    | 1  |       |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug / Kg | 11  | 29    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.7 | 29    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.6 | 29    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 16  | 150   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.6 | 29    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 2.0 | 29    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.4 | 29    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.4 | 29    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 11  | 150   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-10-2-4                       | Lab Sample ID:  | Y2881-05 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 13.00    |
| Result Type:         | Final                          | DataFile:       | VK017178 |

| CAS Number  | Parameter                   | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|---------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug / Kg | 2.4 | 29    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug / Kg | 1.7 | 29    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug / Kg | 21  | 150   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug / Kg | 1.3 | 29    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug / Kg | 4.2 | 29    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 126777-61-2 | m / p-Xylenes               | ND      | U         | ug / Kg | 5.0 | 58    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug / Kg | 2.2 | 29    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug / Kg | 2.7 | 29    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug / Kg | 2.4 | 29    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug / Kg | 3.2 | 29    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug / Kg | 3.2 | 29    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug / Kg | 2.2 | 29    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug / Kg | 5.5 | 29    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug / Kg | 4.0 | 29    | 1  |       |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/24/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/25/07</b> |
| <b>Customer Sample No.:</b> | <b>B-9-2-4</b>                        | <b>Lab Sample ID:</b>  | <b>Y2881-06</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2881</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>21.90</b>    |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>053107A1</b> |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | 0.105   |           | mg/Kg | 0.004 | 0.013 | 1  |        |





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## Report of Analysis

Client: AKRF INC

Date Collected: 05/24/07

Project ID: Rockefeller University # 10757

Date Received: 05/25/07

Customer Sample No.: B-9-2-4

Lab Sample ID: Y2881-06

Test: Metals ICP-TAL

SDG ID: Y2881

Analytical Method: EPA SW-846 6010 - ICP1

% Moisture: 21.90

Result Type: Final

Datafile: P1053107

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 8650    |           | mg/Kg | 1.130 | 6.340 | 1  |        |
| 7440-36-0  | Antimony  | ND      | U         | mg/Kg | 0.431 | 3.170 | 1  |        |
| 7440-38-2  | Arsenic   | 3.470   |           | mg/Kg | 0.254 | 1.270 | 1  |        |
| 7440-39-3  | Barium    | 56.3    |           | mg/Kg | 0.190 | 6.340 | 1  |        |
| 7440-41-7  | Beryllium | 0.298   | J         | mg/Kg | 0.013 | 0.380 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | mg/Kg | 0.076 | 0.380 | 1  |        |
| 7440-70-2  | Calcium   | 4940    |           | mg/Kg | 2.170 | 127   | 1  |        |
| 7440-47-3  | Chromium  | 13.5    |           | mg/Kg | 0.139 | 0.634 | 1  |        |
| 7440-48-4  | Cobalt    | 5.200   |           | mg/Kg | 0.177 | 1.900 | 1  |        |
| 7440-50-8  | Copper    | 15.0    |           | mg/Kg | 0.165 | 1.270 | 1  |        |
| 7439-89-6  | Iron      | 13400   |           | mg/Kg | 3.380 | 6.340 | 1  |        |
| 7439-92-1  | Lead      | 82.4    |           | mg/Kg | 0.177 | 0.761 | 1  |        |
| 7439-95-4  | Magnesium | 1990    |           | mg/Kg | 2.190 | 127   | 1  |        |
| 7439-96-5  | Manganese | 259     |           | mg/Kg | 0.076 | 1.270 | 1  |        |
| 7440-02-0  | Nickel    | 10.1    |           | mg/Kg | 0.152 | 2.540 | 1  |        |
| 7440-09-7  | Potassium | 1190    |           | mg/Kg | 27.8  | 127   | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | mg/Kg | 0.228 | 1.270 | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | mg/Kg | 0.228 | 0.634 | 1  |        |
| 7440-23-5  | Sodium    | 71.7    | J         | mg/Kg | 36.6  | 127   | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | mg/Kg | 2.400 | 2.540 | 1  |        |
| 7440-62-2  | Vanadium  | 25.5    |           | mg/Kg | 0.190 | 2.540 | 1  |        |
| 7440-66-6  | Zinc      | 61.4    |           | mg/Kg | 1.360 | 2.540 | 1  |        |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/24/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/25/07

**Customer Sample No.:** B-9-2-4

**Lab Sample ID:** Y2881-06

**Test:** PCB

**SDG ID:** Y2881

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 22.00

**Result Type:** Final

**Datafile:** P6004348

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 3.2 | 22    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 5.0 | 22    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 7.5 | 22    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 6.7 | 22    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 3.2 | 22    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 2.1 | 22    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 5.4 | 22    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-9-2-4                        | Lab Sample ID:  | Y2881-06 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 22.00    |
| Result Type:         | Final                          | Datafile:       | P7014881 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.81 | 2.2   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 1.1  | 2.2   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 2.1  | 2.2   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.91 | 2.2   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 1.2  | 2.2   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.6  | 2.2   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.3  | 2.2   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 1.1  | 2.2   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 1.0  | 2.2   | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/Kg | 1.0  | 2.2   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 1.1  | 2.2   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 1.2  | 2.2   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.89 | 2.2   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.4  | 2.2   | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/Kg | 0.91 | 2.2   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 1.1  | 2.2   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 1.0  | 2.2   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.3  | 2.2   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/Kg | 1.1  | 2.2   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 1.1  | 2.2   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 4.5  | 22    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-9-2-4                        | Lab Sample ID:  | Y2881-06 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 22.00    |
| Result Type:         | Final                          | Datafile:       | BE041121 |

| CAS Number | Parameter                   | Results | Qualifier | Units   | DL | RT/RL | DF | DIL/R |
|------------|-----------------------------|---------|-----------|---------|----|-------|----|-------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug / Kg | 86 | 420   | 1  |       |
| 108-95-2   | Phenol                      | ND      | U         | ug / Kg | 64 | 420   | 1  |       |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug / Kg | 66 | 420   | 1  |       |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug / Kg | 67 | 420   | 1  |       |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug / Kg | 70 | 420   | 1  |       |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug / Kg | 68 | 420   | 1  |       |
| 98-86-2    | Acetophenone                | ND      | U         | ug / Kg | 61 | 420   | 1  |       |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug / Kg | 66 | 420   | 1  |       |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug / Kg | 70 | 420   | 1  |       |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug / Kg | 71 | 420   | 1  |       |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug / Kg | 92 | 420   | 1  |       |
| 78-59-1    | Isophorone                  | ND      | U         | ug / Kg | 63 | 420   | 1  |       |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug / Kg | 65 | 420   | 1  |       |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug / Kg | 67 | 420   | 1  |       |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug / Kg | 69 | 420   | 1  |       |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug / Kg | 78 | 420   | 1  |       |
| 91-20-3    | Naphthalene                 | ND      | U         | ug / Kg | 72 | 420   | 1  |       |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug / Kg | 50 | 420   | 1  |       |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug / Kg | 65 | 420   | 1  |       |
| 105-60-2   | Caprolactam                 | ND      | U         | ug / Kg | 68 | 420   | 1  |       |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug / Kg | 58 | 420   | 1  |       |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug / Kg | 70 | 420   | 1  |       |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug / Kg | 67 | 420   | 1  |       |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug / Kg | 62 | 420   | 1  |       |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug / Kg | 64 | 1100  | 1  |       |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug / Kg | 69 | 420   | 1  |       |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug / Kg | 70 | 420   | 1  |       |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug / Kg | 53 | 1100  | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-9-2-4                        | Lab Sample ID:  | Y2881-06 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 22.00    |
| Result Type:         | Final                          | DataFile:       | BE041121 |

| CAS Number | Parameter                  | Results | Qualifier | Units | DL  | RT/RL | DF | DIL/R |
|------------|----------------------------|---------|-----------|-------|-----|-------|----|-------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug/Kg | 68  | 420   | 1  |       |
| 208-96-8   | Acenaphthylene             | ND      | U         | ug/Kg | 68  | 420   | 1  |       |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug/Kg | 59  | 420   | 1  |       |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug/Kg | 55  | 1100  | 1  |       |
| 83-32-9    | Acenaphthene               | ND      | U         | ug/Kg | 75  | 420   | 1  |       |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug/Kg | 360 | 1100  | 1  |       |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug/Kg | 52  | 1100  | 1  |       |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug/Kg | 69  | 420   | 1  |       |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug/Kg | 62  | 420   | 1  |       |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug/Kg | 72  | 420   | 1  |       |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug/Kg | 66  | 420   | 1  |       |
| 86-73-7    | Fluorene                   | ND      | U         | ug/Kg | 71  | 420   | 1  |       |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug/Kg | 72  | 1100  | 1  |       |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug/Kg | 81  | 1100  | 1  |       |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug/Kg | 69  | 420   | 1  |       |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug/Kg | 63  | 420   | 1  |       |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug/Kg | 67  | 420   | 1  |       |
| 1912-24-9  | Atrazine                   | ND      | U         | ug/Kg | 64  | 420   | 1  |       |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug/Kg | 97  | 1100  | 1  |       |
| 85-01-8    | Phenanthrene               | ND      | U         | ug/Kg | 67  | 420   | 1  |       |
| 120-12-7   | Anthracene                 | ND      | U         | ug/Kg | 63  | 420   | 1  |       |
| 86-74-8    | Carbazole                  | ND      | U         | ug/Kg | 64  | 420   | 1  |       |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug/Kg | 64  | 420   | 1  |       |
| 206-44-0   | Fluoranthene               | ND      | U         | ug/Kg | 62  | 420   | 1  |       |
| 129-00-0   | Pyrene                     | ND      | U         | ug/Kg | 74  | 420   | 1  |       |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug/Kg | 68  | 420   | 1  |       |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug/Kg | 72  | 420   | 1  |       |
| 56-55-3    | Benzo(a)anthracene         | ND      | U         | ug/Kg | 59  | 420   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-9-2-4                        | Lab Sample ID:  | Y2881-06 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 22.00    |
| Result Type:         | Final                          | DataFile:       | BE041121 |

| CAS Number | Parameter                  | Results | Qualifier | Units | DL | RT/RL | DF | DIL/RE |
|------------|----------------------------|---------|-----------|-------|----|-------|----|--------|
| 218-01-9   | Chrysene                   | ND      | U         | ug/Kg | 75 | 420   | 1  |        |
| 117-81-7   | bis(2-Ethylhexyl)phthalate | ND      | U         | ug/Kg | 81 | 420   | 1  |        |
| 117-84-0   | Di-n-octyl phthalate       | ND      | U         | ug/Kg | 71 | 420   | 1  |        |
| 205-99-2   | Benzo(b)fluoranthene       | ND      | U         | ug/Kg | 46 | 420   | 1  |        |
| 207-08-9   | Benzo(k)fluoranthene       | ND      | U         | ug/Kg | 92 | 420   | 1  |        |
| 50-32-8    | Benzo(a)pyrene             | ND      | U         | ug/Kg | 67 | 420   | 1  |        |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | ND      | U         | ug/Kg | 53 | 420   | 1  |        |
| 53-70-3    | Dibenz(a,h)anthracene      | ND      | U         | ug/Kg | 53 | 420   | 1  |        |
| 191-24-2   | Benzo(g,h,i)perylene       | ND      | U         | ug/Kg | 69 | 420   | 1  |        |
|            | ACP2.78                    | 6900    | A         | ug/Kg | 0  | 0     | 1  | TIC    |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-9-2-4                        | Lab Sample ID:  | Y2881-06 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 22.00    |
| Result Type:         | Final                          | Datafile:       | VK017179 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 5.3 | 31    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 5.3 | 31    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 5.1 | 31    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 13  | 31    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 13  | 31    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 7.8 | 31    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 4.1 | 31    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.6 | 31    | 1  |       |
| 67-64-1    | Acetone                        | 260     | B         | ug / Kg | 21  | 160   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 5.4 | 31    | 1  |       |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug / Kg | 11  | 31    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 4.0 | 31    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.7 | 31    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 2.0 | 31    | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 18  | 160   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.8 | 31    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 2.0 | 31    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 2.2 | 31    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.6 | 31    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.6 | 31    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 2.1 | 31    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 12  | 160   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-9-2-4                        | Lab Sample ID:  | Y2881-06 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 22.00    |
| Result Type:         | Final                          | DataFile:       | VK017179 |

| CAS Number  | Parameter                   | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|---------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug / Kg | 2.1 | 31    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug / Kg | 1.8 | 31    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug / Kg | 22  | 160   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug / Kg | 1.4 | 31    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug / Kg | 4.5 | 31    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug / Kg | 2.2 | 31    | 1  |       |
| 126777-61-2 | m / p-Xylenes               | ND      | U         | ug / Kg | 5.4 | 62    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug / Kg | 2.4 | 31    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug / Kg | 2.9 | 31    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug / Kg | 2.6 | 31    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug / Kg | 3.5 | 31    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug / Kg | 3.4 | 31    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug / Kg | 2.4 | 31    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug / Kg | 5.9 | 31    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug / Kg | 4.3 | 31    | 1  |       |





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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/24/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/25/07</b> |
| <b>Customer Sample No.:</b> | <b>B-11-2-4</b>                       | <b>Lab Sample ID:</b>  | <b>Y2881-07</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2881</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>15.00</b>    |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>053107A1</b> |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | 0.583   |           | mg/Kg | 0.004 | 0.012 | 1  |        |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/24/07

Project ID: Rockefeller University # 10757

Date Received: 05/25/07

Customer Sample No.: B-11-2-4

Lab Sample ID: Y2881-07

Test: Metals ICP-TAL

SDG ID: Y2881

Analytical Method: EPA SW-846 6010 - ICP1

% Moisture: 15.00

Result Type: Final

Datafile: P1053107

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 11500   |           | mg/Kg | 1.050 | 5.880 | 1  |        |
| 7440-36-0  | Antimony  | ND      | U         | mg/Kg | 0.400 | 2.940 | 1  |        |
| 7440-38-2  | Arsenic   | 9.260   |           | mg/Kg | 0.235 | 1.180 | 1  |        |
| 7440-39-3  | Barium    | 106     |           | mg/Kg | 0.176 | 5.880 | 1  |        |
| 7440-41-7  | Beryllium | 0.493   |           | mg/Kg | 0.012 | 0.353 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | mg/Kg | 0.071 | 0.353 | 1  |        |
| 7440-70-2  | Calcium   | 10100   |           | mg/Kg | 2.010 | 118   | 1  |        |
| 7440-47-3  | Chromium  | 18.3    |           | mg/Kg | 0.129 | 0.588 | 1  |        |
| 7440-48-4  | Cobalt    | 8.540   |           | mg/Kg | 0.165 | 1.760 | 1  |        |
| 7440-50-8  | Copper    | 36.3    |           | mg/Kg | 0.153 | 1.180 | 1  |        |
| 7439-89-6  | Iron      | 18500   |           | mg/Kg | 3.140 | 5.880 | 1  |        |
| 7439-92-1  | Lead      | 194     |           | mg/Kg | 0.165 | 0.706 | 1  |        |
| 7439-95-4  | Magnesium | 3250    |           | mg/Kg | 2.040 | 118   | 1  |        |
| 7439-96-5  | Manganese | 428     |           | mg/Kg | 0.071 | 1.180 | 1  |        |
| 7440-02-0  | Nickel    | 17.4    |           | mg/Kg | 0.141 | 2.350 | 1  |        |
| 7440-09-7  | Potassium | 1450    |           | mg/Kg | 25.8  | 118   | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | mg/Kg | 0.212 | 1.180 | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | mg/Kg | 0.212 | 0.588 | 1  |        |
| 7440-23-5  | Sodium    | 206     |           | mg/Kg | 34.0  | 118   | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | mg/Kg | 2.220 | 2.350 | 1  |        |
| 7440-62-2  | Vanadium  | 27.2    |           | mg/Kg | 0.176 | 2.350 | 1  |        |
| 7440-66-6  | Zinc      | 117     |           | mg/Kg | 1.260 | 2.350 | 1  |        |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/24/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/25/07

**Customer Sample No.:** B-11-2-4

**Lab Sample ID:** Y2881-07

**Test:** PCB

**SDG ID:** Y2881

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 15.00

**Result Type:** Final

**Datafile:** P6004349

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 2.9 | 20    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 4.6 | 20    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 6.8 | 20    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 6.1 | 20    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 3.0 | 20    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 1.9 | 20    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 4.9 | 20    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-11-2-4                       | Lab Sample ID:  | Y2881-07 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 15.00    |
| Result Type:         | Final                          | Datafile:       | P7014882 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.74 | 2.0   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 1.9  | 2.0   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.83 | 2.0   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 1.1  | 2.0   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.4  | 2.0   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.2  | 2.0   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 0.96 | 2.0   | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/Kg | 0.91 | 2.0   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 0.99 | 2.0   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 1.1  | 2.0   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.81 | 2.0   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.3  | 2.0   | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/Kg | 0.84 | 2.0   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 0.95 | 2.0   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.2  | 2.0   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/Kg | 0.97 | 2.0   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 4.1  | 20    | 1  |        |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/24/07

Project ID: Rockefeller University # 10757

Date Received: 05/25/07

Customer Sample No.: B-11-2-4

Lab Sample ID: Y2881-07

Test: SVOC-TCL BNA -20

SDG ID: Y2881

Analytical Method: EPA SW-846 8270

% Moisture: 15.00

Result Type: Final

Datafile: BE041122

| CAS Number | Parameter                   | Results | Qualifier | Units | DL | RT/RL | DF | DIL/RI |
|------------|-----------------------------|---------|-----------|-------|----|-------|----|--------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug/Kg | 80 | 390   | 1  |        |
| 108-95-2   | Phenol                      | ND      | U         | ug/Kg | 59 | 390   | 1  |        |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug/Kg | 61 | 390   | 1  |        |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug/Kg | 62 | 390   | 1  |        |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug/Kg | 65 | 390   | 1  |        |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug/Kg | 63 | 390   | 1  |        |
| 98-86-2    | Acetophenone                | ND      | U         | ug/Kg | 57 | 390   | 1  |        |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug/Kg | 61 | 390   | 1  |        |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug/Kg | 64 | 390   | 1  |        |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug/Kg | 66 | 390   | 1  |        |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug/Kg | 85 | 390   | 1  |        |
| 78-59-1    | Isophorone                  | ND      | U         | ug/Kg | 58 | 390   | 1  |        |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug/Kg | 60 | 390   | 1  |        |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug/Kg | 62 | 390   | 1  |        |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug/Kg | 64 | 390   | 1  |        |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug/Kg | 72 | 390   | 1  |        |
| 91-20-3    | Naphthalene                 | ND      | U         | ug/Kg | 66 | 390   | 1  |        |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug/Kg | 46 | 390   | 1  |        |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug/Kg | 60 | 390   | 1  |        |
| 105-60-2   | Caprolactam                 | ND      | U         | ug/Kg | 62 | 390   | 1  |        |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug/Kg | 54 | 390   | 1  |        |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug/Kg | 65 | 390   | 1  |        |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug/Kg | 62 | 390   | 1  |        |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug/Kg | 57 | 390   | 1  |        |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug/Kg | 59 | 970   | 1  |        |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug/Kg | 64 | 390   | 1  |        |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug/Kg | 64 | 390   | 1  |        |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug/Kg | 49 | 970   | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-11-2-4                       | Lab Sample ID:  | Y2881-07 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 15.00    |
| Result Type:         | Final                          | DataFile:       | BE041122 |

| CAS Number | Parameter                  | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RI |
|------------|----------------------------|---------|-----------|---------|-----|-------|----|--------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug / Kg | 62  | 390   | 1  |        |
| 208-96-8   | Acenaphthylene             | ND      | U         | ug / Kg | 63  | 390   | 1  |        |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug / Kg | 55  | 390   | 1  |        |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug / Kg | 51  | 970   | 1  |        |
| 83-32-9    | Acenaphthene               | 120     | J         | ug / Kg | 69  | 390   | 1  |        |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug / Kg | 330 | 970   | 1  |        |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug / Kg | 48  | 970   | 1  |        |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug / Kg | 64  | 390   | 1  |        |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug / Kg | 57  | 390   | 1  |        |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug / Kg | 67  | 390   | 1  |        |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug / Kg | 61  | 390   | 1  |        |
| 86-73-7    | Fluorene                   | 81      | J         | ug / Kg | 65  | 390   | 1  |        |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug / Kg | 66  | 970   | 1  |        |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug / Kg | 75  | 970   | 1  |        |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug / Kg | 64  | 390   | 1  |        |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug / Kg | 58  | 390   | 1  |        |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug / Kg | 62  | 390   | 1  |        |
| 1912-24-9  | Atrazine                   | ND      | U         | ug / Kg | 60  | 390   | 1  |        |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug / Kg | 90  | 970   | 1  |        |
| 85-01-8    | Phenanthrene               | 1300    |           | ug / Kg | 62  | 390   | 1  |        |
| 120-12-7   | Anthracene                 | 280     | J         | ug / Kg | 59  | 390   | 1  |        |
| 86-74-8    | Carbazole                  | 130     | J         | ug / Kg | 59  | 390   | 1  |        |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug / Kg | 59  | 390   | 1  |        |
| 206-44-0   | Fluoranthene               | 2300    |           | ug / Kg | 58  | 390   | 1  |        |
| 129-00-0   | Pyrene                     | 2000    |           | ug / Kg | 69  | 390   | 1  |        |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug / Kg | 63  | 390   | 1  |        |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug / Kg | 66  | 390   | 1  |        |
| 56-55-3    | Benzo(a)anthracene         | 1000    |           | ug / Kg | 54  | 390   | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-11-2-4                       | Lab Sample ID:  | Y2881-07 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 15.00    |
| Result Type:         | Final                          | DataFile:       | BE041122 |

| CAS Number | Parameter                          | Results | Qualifier | Units | DL | RT/RL | DF | DIL/R |
|------------|------------------------------------|---------|-----------|-------|----|-------|----|-------|
| 218-01-9   | Chrysene                           | 1000    |           | ug/Kg | 70 | 390   | 1  |       |
| 117-81-7   | bis(2-Ethylhexyl)phthalate         | 82      | J         | ug/Kg | 75 | 390   | 1  |       |
| 117-84-0   | Di-n-octyl phthalate               | ND      | U         | ug/Kg | 66 | 390   | 1  |       |
| 205-99-2   | Benzo(b)fluoranthene               | 1300    |           | ug/Kg | 43 | 390   | 1  |       |
| 207-08-9   | Benzo(k)fluoranthene               | 440     |           | ug/Kg | 85 | 390   | 1  |       |
| 50-32-8    | Benzo(a)pyrene                     | 980     |           | ug/Kg | 62 | 390   | 1  |       |
| 193-39-5   | Indeno(1,2,3-cd)pyrene             | 520     |           | ug/Kg | 49 | 390   | 1  |       |
| 53-70-3    | Dibenz(a,h)anthracene              | ND      | U         | ug/Kg | 49 | 390   | 1  |       |
| 191-24-2   | Benzo(g,h,i)perylene               | 630     |           | ug/Kg | 64 | 390   | 1  |       |
| 949-41-7   | 1H-Cyclopropa[l]phenanthrene,1a,9b | 190     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 203-64-5   | 4H-Cyclopenta[def]phenanthrene     | 320     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 84-65-1    | 9,10-Anthracenedione               | 140     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | ACP2.78                            | 6200    | A         | ug/Kg | 0  | 0     | 1  | TIC   |
| 613-12-7   | Anthracene, 2-methyl-              | 250     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 5737-13-3  | Cyclopenta(def)phenanthrenone      | 190     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 3674-65-5  | Phenanthrene, 2,3-dimethyl-        | 160     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 832-64-4   | Phenanthrene, 4-methyl-            | 140     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | unknown12.21                       | 200     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | unknown12.42                       | 780     | J         | ug/Kg | 0  | 0     | 1  | TIC   |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-11-2-4                       | Lab Sample ID:  | Y2881-07 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 15.00    |
| Result Type:         | Final                          | Datafile:       | VK017171 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 4.9 | 29    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 4.9 | 29    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 4.7 | 29    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 12  | 29    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 12  | 29    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 7.1 | 29    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 3.8 | 29    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.3 | 29    | 1  |       |
| 67-64-1    | Acetone                        | 82      | JB        | ug / Kg | 19  | 140   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 4.9 | 29    | 1  |       |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug / Kg | 10  | 29    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.6 | 29    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.5 | 29    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 16  | 140   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.5 | 29    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 2.0 | 29    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.4 | 29    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.4 | 29    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 11  | 140   | 1  |       |





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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-11-2-4                       | Lab Sample ID:  | Y2881-07 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 15.00    |
| Result Type:         | Final                          | DataFile:       | VK017171 |

| CAS Number  | Parameter                   | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|---------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug / Kg | 1.7 | 29    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug / Kg | 21  | 140   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug / Kg | 1.3 | 29    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug / Kg | 4.2 | 29    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug / Kg | 2.0 | 29    | 1  |       |
| 126777-61-2 | m / p-Xylenes               | ND      | U         | ug / Kg | 4.9 | 57    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug / Kg | 2.2 | 29    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug / Kg | 2.6 | 29    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug / Kg | 2.4 | 29    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug / Kg | 3.2 | 29    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug / Kg | 3.1 | 29    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug / Kg | 2.2 | 29    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug / Kg | 5.4 | 29    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug / Kg | 3.9 | 29    | 1  |       |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/24/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/25/07</b> |
| <b>Customer Sample No.:</b> | <b>B-8-3-5</b>                        | <b>Lab Sample ID:</b>  | <b>Y2881-08</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2881</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>19.50</b>    |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>053107A1</b> |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | 0.390   |           | mg/Kg | 0.004 | 0.012 | 1  |        |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/24/07

Project ID: Rockefeller University # 10757

Date Received: 05/25/07

Customer Sample No.: B-8-3-5

Lab Sample ID: Y2881-08

Test: Metals ICP-TAL

SDG ID: Y2881

Analytical Method: EPA SW-846 6010 - ICP1

% Moisture: 19.50

Result Type: Final

Datafile: P1053107

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 7900    |           | mg/Kg | 1.110 | 6.210 | 1  |        |
| 7440-36-0  | Antimony  | ND      | U         | mg/Kg | 0.422 | 3.110 | 1  |        |
| 7440-38-2  | Arsenic   | 2.950   |           | mg/Kg | 0.248 | 1.240 | 1  |        |
| 7440-39-3  | Barium    | 71.7    |           | mg/Kg | 0.186 | 6.210 | 1  |        |
| 7440-41-7  | Beryllium | 0.307   | J         | mg/Kg | 0.012 | 0.373 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | mg/Kg | 0.075 | 0.373 | 1  |        |
| 7440-70-2  | Calcium   | 10900   |           | mg/Kg | 2.120 | 124   | 1  |        |
| 7440-47-3  | Chromium  | 12.8    |           | mg/Kg | 0.137 | 0.621 | 1  |        |
| 7440-48-4  | Cobalt    | 5.500   |           | mg/Kg | 0.174 | 1.860 | 1  |        |
| 7440-50-8  | Copper    | 21.6    |           | mg/Kg | 0.161 | 1.240 | 1  |        |
| 7439-89-6  | Iron      | 13100   |           | mg/Kg | 3.320 | 6.210 | 1  |        |
| 7439-92-1  | Lead      | 170     |           | mg/Kg | 0.174 | 0.745 | 1  |        |
| 7439-95-4  | Magnesium | 3450    |           | mg/Kg | 2.150 | 124   | 1  |        |
| 7439-96-5  | Manganese | 220     |           | mg/Kg | 0.075 | 1.240 | 1  |        |
| 7440-02-0  | Nickel    | 12.5    |           | mg/Kg | 0.149 | 2.480 | 1  |        |
| 7440-09-7  | Potassium | 1390    |           | mg/Kg | 27.3  | 124   | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | mg/Kg | 0.224 | 1.240 | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | mg/Kg | 0.224 | 0.621 | 1  |        |
| 7440-23-5  | Sodium    | 351     |           | mg/Kg | 35.9  | 124   | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | mg/Kg | 2.350 | 2.480 | 1  |        |
| 7440-62-2  | Vanadium  | 18.4    |           | mg/Kg | 0.186 | 2.480 | 1  |        |
| 7440-66-6  | Zinc      | 101     |           | mg/Kg | 1.330 | 2.480 | 1  |        |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/24/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/25/07

**Customer Sample No.:** B-8-3-5

**Lab Sample ID:** Y2881-08

**Test:** PCB

**SDG ID:** Y2881

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 19.00

**Result Type:** Final

**Datafile:** P6004350

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 3.1 | 21    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 4.8 | 21    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 7.1 | 21    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 6.4 | 21    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 3.1 | 21    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 2.0 | 21    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 5.1 | 21    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-8-3-5                        | Lab Sample ID:  | Y2881-08 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 19.00    |
| Result Type:         | Final                          | Datafile:       | P7014883 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.78 | 2.1   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 2.0  | 2.1   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.87 | 2.1   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.5  | 2.1   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.3  | 2.1   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 72-55-9    | 4,4-DDE            | 2.2     |           | ug/Kg | 0.95 | 2.1   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.85 | 2.1   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.3  | 2.1   | 1  |        |
| 50-29-3    | 4,4-DDT            | 4.1     |           | ug/Kg | 0.87 | 2.1   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.2  | 2.1   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | 2.3     | P         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 4.3  | 21    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-8-3-5                        | Lab Sample ID:  | Y2881-08 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 19.00    |
| Result Type:         | Final                          | Datafile:       | BE041123 |

| CAS Number | Parameter                   | Results | Qualifier | Units   | DL | RT/RL | DF | DIL/R |
|------------|-----------------------------|---------|-----------|---------|----|-------|----|-------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug / Kg | 84 | 410   | 1  |       |
| 108-95-2   | Phenol                      | ND      | U         | ug / Kg | 62 | 410   | 1  |       |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug / Kg | 64 | 410   | 1  |       |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug / Kg | 65 | 410   | 1  |       |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug / Kg | 68 | 410   | 1  |       |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug / Kg | 66 | 410   | 1  |       |
| 98-86-2    | Acetophenone                | ND      | U         | ug / Kg | 60 | 410   | 1  |       |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug / Kg | 64 | 410   | 1  |       |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug / Kg | 67 | 410   | 1  |       |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug / Kg | 69 | 410   | 1  |       |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug / Kg | 89 | 410   | 1  |       |
| 78-59-1    | Isophorone                  | ND      | U         | ug / Kg | 61 | 410   | 1  |       |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug / Kg | 63 | 410   | 1  |       |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug / Kg | 65 | 410   | 1  |       |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug / Kg | 67 | 410   | 1  |       |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug / Kg | 75 | 410   | 1  |       |
| 91-20-3    | Naphthalene                 | ND      | U         | ug / Kg | 70 | 410   | 1  |       |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug / Kg | 49 | 410   | 1  |       |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug / Kg | 63 | 410   | 1  |       |
| 105-60-2   | Caprolactam                 | ND      | U         | ug / Kg | 66 | 410   | 1  |       |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug / Kg | 56 | 410   | 1  |       |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug / Kg | 68 | 410   | 1  |       |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug / Kg | 65 | 410   | 1  |       |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug / Kg | 60 | 410   | 1  |       |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug / Kg | 62 | 1000  | 1  |       |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug / Kg | 67 | 410   | 1  |       |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug / Kg | 68 | 410   | 1  |       |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug / Kg | 52 | 1000  | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-8-3-5                        | Lab Sample ID:  | Y2881-08 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 19.00    |
| Result Type:         | Final                          | DataFile:       | BE041123 |

| CAS Number | Parameter                  | Results | Qualifier | Units | DL  | RT/RL | DF | DIL/R |
|------------|----------------------------|---------|-----------|-------|-----|-------|----|-------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug/Kg | 66  | 410   | 1  |       |
| 208-96-8   | Acenaphthylene             | ND      | U         | ug/Kg | 66  | 410   | 1  |       |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug/Kg | 58  | 410   | 1  |       |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug/Kg | 53  | 1000  | 1  |       |
| 83-32-9    | Acenaphthene               | 140     | J         | ug/Kg | 73  | 410   | 1  |       |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug/Kg | 350 | 1000  | 1  |       |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug/Kg | 50  | 1000  | 1  |       |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug/Kg | 67  | 410   | 1  |       |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug/Kg | 60  | 410   | 1  |       |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug/Kg | 70  | 410   | 1  |       |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug/Kg | 64  | 410   | 1  |       |
| 86-73-7    | Fluorene                   | 110     | J         | ug/Kg | 69  | 410   | 1  |       |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug/Kg | 70  | 1000  | 1  |       |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug/Kg | 79  | 1000  | 1  |       |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug/Kg | 67  | 410   | 1  |       |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug/Kg | 61  | 410   | 1  |       |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug/Kg | 65  | 410   | 1  |       |
| 1912-24-9  | Atrazine                   | ND      | U         | ug/Kg | 62  | 410   | 1  |       |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug/Kg | 94  | 1000  | 1  |       |
| 85-01-8    | Phenanthrene               | 910     |           | ug/Kg | 65  | 410   | 1  |       |
| 120-12-7   | Anthracene                 | 250     | J         | ug/Kg | 61  | 410   | 1  |       |
| 86-74-8    | Carbazole                  | 110     | J         | ug/Kg | 62  | 410   | 1  |       |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug/Kg | 62  | 410   | 1  |       |
| 206-44-0   | Fluoranthene               | 1100    |           | ug/Kg | 61  | 410   | 1  |       |
| 129-00-0   | Pyrene                     | 980     |           | ug/Kg | 72  | 410   | 1  |       |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug/Kg | 66  | 410   | 1  |       |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug/Kg | 70  | 410   | 1  |       |
| 56-55-3    | Benzo(a)anthracene         | 520     |           | ug/Kg | 57  | 410   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-8-3-5                        | Lab Sample ID:  | Y2881-08 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 19.00    |
| Result Type:         | Final                          | DataFile:       | BE041123 |

| CAS Number | Parameter                      | Results | Qualifier | Units | DL | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|-------|----|-------|----|-------|
| 218-01-9   | Chrysene                       | 480     |           | ug/Kg | 73 | 410   | 1  |       |
| 117-81-7   | bis(2-Ethylhexyl)phthalate     | ND      | U         | ug/Kg | 78 | 410   | 1  |       |
| 117-84-0   | Di-n-octyl phthalate           | ND      | U         | ug/Kg | 69 | 410   | 1  |       |
| 205-99-2   | Benzo(b)fluoranthene           | 480     |           | ug/Kg | 45 | 410   | 1  |       |
| 207-08-9   | Benzo(k)fluoranthene           | 270     | J         | ug/Kg | 90 | 410   | 1  |       |
| 50-32-8    | Benzo(a)pyrene                 | 430     |           | ug/Kg | 65 | 410   | 1  |       |
| 193-39-5   | Indeno(1,2,3-cd)pyrene         | 240     | J         | ug/Kg | 52 | 410   | 1  |       |
| 53-70-3    | Dibenz(a,h)anthracene          | ND      | U         | ug/Kg | 51 | 410   | 1  |       |
| 191-24-2   | Benzo(g,h,i)perylene           | 270     | J         | ug/Kg | 67 | 410   | 1  |       |
| 203-64-5   | 4H-Cyclopenta[def]phenanthrene | 170     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | ACP2.78                        | 6400    | A         | ug/Kg | 0  | 0     | 1  | TIC   |
| 297-03-0   | Cyclotetracosane               | 91      | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|            | unknown12.42                   | 320     | J         | ug/Kg | 0  | 0     | 1  | TIC   |





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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-8-3-5                        | Lab Sample ID:  | Y2881-08 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 19.00    |
| Result Type:         | Final                          | Datafile:       | VK017180 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 5.3 | 31    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 5.3 | 31    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 5.1 | 31    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 13  | 31    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 13  | 31    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 7.7 | 31    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 4.1 | 31    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.5 | 31    | 1  |       |
| 67-64-1    | Acetone                        | 120     | JB        | ug / Kg | 21  | 150   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 5.3 | 31    | 1  |       |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug / Kg | 11  | 31    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.9 | 31    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.7 | 31    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 2.0 | 31    | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 17  | 150   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.7 | 31    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 2.0 | 31    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 2.1 | 31    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.6 | 31    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.6 | 31    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 2.1 | 31    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 12  | 150   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-8-3-5                        | Lab Sample ID:  | Y2881-08 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 19.00    |
| Result Type:         | Final                          | DataFile:       | VK017180 |

| CAS Number  | Parameter                   | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|---------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug / Kg | 2.2 | 31    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug / Kg | 2.0 | 31    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug / Kg | 1.8 | 31    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug / Kg | 22  | 150   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug / Kg | 1.4 | 31    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug / Kg | 4.5 | 31    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug / Kg | 2.2 | 31    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug / Kg | 2.2 | 31    | 1  |       |
| 126777-61-2 | m / p-Xylenes               | ND      | U         | ug / Kg | 5.3 | 62    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug / Kg | 2.4 | 31    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug / Kg | 2.8 | 31    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug / Kg | 2.6 | 31    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug / Kg | 3.4 | 31    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug / Kg | 3.4 | 31    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug / Kg | 2.4 | 31    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug / Kg | 5.8 | 31    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug / Kg | 4.2 | 31    | 1  |       |
| 000123-19-3 | 4-Heptanone                 | 95      | J         | ug / Kg | 0   | 0     | 1  | TIC   |



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## Report of Analysis

Client: AKRF INC

Date Collected: 05/24/07

Project ID: Rockefeller University # 10757

Date Received: 05/25/07

Customer Sample No.: B-8-3-5RE

Lab Sample ID: Y2881-08RE

Test: VOC-TCLVOA-10

SDG ID: Y2881

Analytical Method: EPA SW846 8260

% Moisture: 19.00

Result Type: Final

Datafile: VK017207

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 5.2 | 31    | 1  | RE    |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 5.2 | 31    | 1  | RE    |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 5.0 | 31    | 1  | RE    |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 12  | 31    | 1  | RE    |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 13  | 31    | 1  | RE    |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 7.6 | 31    | 1  | RE    |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 4.1 | 31    | 1  | RE    |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.5 | 31    | 1  | RE    |
| 67-64-1    | Acetone                        | 230     |           | ug / Kg | 21  | 150   | 1  | RE    |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 2.2 | 31    | 1  | RE    |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 2.2 | 31    | 1  | RE    |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 5.3 | 31    | 1  | RE    |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug / Kg | 11  | 31    | 1  | RE    |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.9 | 31    | 1  | RE    |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.6 | 31    | 1  | RE    |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 2.0 | 31    | 1  | RE    |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 17  | 150   | 1  | RE    |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.7 | 31    | 1  | RE    |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 2.0 | 31    | 1  | RE    |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 2.1 | 31    | 1  | RE    |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.6 | 31    | 1  | RE    |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.6 | 31    | 1  | RE    |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.4 | 31    | 1  | RE    |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.9 | 31    | 1  | RE    |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.9 | 31    | 1  | RE    |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.4 | 31    | 1  | RE    |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 2.0 | 31    | 1  | RE    |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 12  | 150   | 1  | RE    |



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## Report of Analysis

|                      |                                |                 |            |       |     |       |    |       |  |
|----------------------|--------------------------------|-----------------|------------|-------|-----|-------|----|-------|--|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07   |       |     |       |    |       |  |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07   |       |     |       |    |       |  |
| Customer Sample No.: | B-8-3-5RE                      | Lab Sample ID:  | Y2881-08RE |       |     |       |    |       |  |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881      |       |     |       |    |       |  |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 19.00      |       |     |       |    |       |  |
| Result Type:         | Final                          | DataFile:       | VK017207   |       |     |       |    |       |  |
| CAS Number           | Parameter                      | Results         | Qualifier  | Units | DL  | RT/RL | DF | DIL/R |  |
| 108-88-3             | Toluene                        | ND              | U          | ug/Kg | 2.5 | 31    | 1  | RE    |  |
| 10061-02-6           | t-1,3-Dichloropropene          | ND              | U          | ug/Kg | 2.2 | 31    | 1  | RE    |  |
| 10061-01-5           | cis-1,3-Dichloropropene        | ND              | U          | ug/Kg | 2.0 | 31    | 1  | RE    |  |
| 79-00-5              | 1,1,2-Trichloroethane          | ND              | U          | ug/Kg | 1.8 | 31    | 1  | RE    |  |
| 591-78-6             | 2-Hexanone                     | ND              | U          | ug/Kg | 22  | 150   | 1  | RE    |  |
| 124-48-1             | Dibromochloromethane           | ND              | U          | ug/Kg | 1.4 | 31    | 1  | RE    |  |
| 106-93-4             | 1,2-Dibromoethane              | ND              | U          | ug/Kg | 2.5 | 31    | 1  | RE    |  |
| 127-18-4             | Tetrachloroethene              | ND              | U          | ug/Kg | 4.5 | 31    | 1  | RE    |  |
| 108-90-7             | Chlorobenzene                  | ND              | U          | ug/Kg | 2.2 | 31    | 1  | RE    |  |
| 100-41-4             | Ethyl Benzene                  | ND              | U          | ug/Kg | 2.2 | 31    | 1  | RE    |  |
| 126777-61-2          | m/p-Xylenes                    | ND              | U          | ug/Kg | 5.3 | 61    | 1  | RE    |  |
| 95-47-6              | o-Xylene                       | ND              | U          | ug/Kg | 2.3 | 31    | 1  | RE    |  |
| 100-42-5             | Styrene                        | ND              | U          | ug/Kg | 2.8 | 31    | 1  | RE    |  |
| 75-25-2              | Bromoform                      | ND              | U          | ug/Kg | 1.9 | 31    | 1  | RE    |  |
| 98-82-8              | Isopropylbenzene               | ND              | U          | ug/Kg | 2.5 | 31    | 1  | RE    |  |
| 79-34-5              | 1,1,2,2-Tetrachloroethane      | ND              | U          | ug/Kg | 1.9 | 31    | 1  | RE    |  |
| 541-73-1             | 1,3-Dichlorobenzene            | ND              | U          | ug/Kg | 3.4 | 31    | 1  | RE    |  |
| 106-46-7             | 1,4-Dichlorobenzene            | ND              | U          | ug/Kg | 3.3 | 31    | 1  | RE    |  |
| 95-50-1              | 1,2-Dichlorobenzene            | ND              | U          | ug/Kg | 2.4 | 31    | 1  | RE    |  |
| 96-12-8              | 1,2-Dibromo-3-Chloropropane    | ND              | U          | ug/Kg | 5.8 | 31    | 1  | RE    |  |
| 120-82-1             | 1,2,4-Trichlorobenzene         | ND              | U          | ug/Kg | 4.2 | 31    | 1  | RE    |  |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/24/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/25/07</b> |
| <b>Customer Sample No.:</b> | <b>B-7-2-4</b>                        | <b>Lab Sample ID:</b>  | <b>Y2881-09</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2881</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>13.60</b>    |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>053107A1</b> |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | 0.035   |           | mg/Kg | 0.004 | 0.012 | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-7-2-4                        | Lab Sample ID:  | Y2881-09 |
| Test:                | Metals ICP-TAL                 | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 6010 - ICP1         | % Moisture:     | 13.60    |
| Result Type:         | Final                          | Datafile:       | P1053107 |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 9520    |           | mg/Kg | 1.030 | 5.790 | 1  |        |
| 7440-36-0  | Antimony  | ND      | U         | mg/Kg | 0.394 | 2.890 | 1  |        |
| 7440-38-2  | Arsenic   | 1.710   |           | mg/Kg | 0.231 | 1.160 | 1  |        |
| 7440-39-3  | Barium    | 34.2    |           | mg/Kg | 0.174 | 5.790 | 1  |        |
| 7440-41-7  | Beryllium | 0.319   | J         | mg/Kg | 0.012 | 0.347 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | mg/Kg | 0.069 | 0.347 | 1  |        |
| 7440-70-2  | Calcium   | 943     |           | mg/Kg | 1.980 | 116   | 1  |        |
| 7440-47-3  | Chromium  | 14.0    |           | mg/Kg | 0.127 | 0.579 | 1  |        |
| 7440-48-4  | Cobalt    | 5.450   |           | mg/Kg | 0.162 | 1.740 | 1  |        |
| 7440-50-8  | Copper    | 10.3    |           | mg/Kg | 0.150 | 1.160 | 1  |        |
| 7439-89-6  | Iron      | 18200   |           | mg/Kg | 3.090 | 5.790 | 1  |        |
| 7439-92-1  | Lead      | 23.8    |           | mg/Kg | 0.162 | 0.694 | 1  |        |
| 7439-95-4  | Magnesium | 1910    |           | mg/Kg | 2.000 | 116   | 1  |        |
| 7439-96-5  | Manganese | 241     |           | mg/Kg | 0.069 | 1.160 | 1  |        |
| 7440-02-0  | Nickel    | 9.870   |           | mg/Kg | 0.139 | 2.310 | 1  |        |
| 7440-09-7  | Potassium | 1550    |           | mg/Kg | 25.4  | 116   | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | mg/Kg | 0.208 | 1.160 | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | mg/Kg | 0.208 | 0.579 | 1  |        |
| 7440-23-5  | Sodium    | 96.8    | J         | mg/Kg | 33.4  | 116   | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | mg/Kg | 2.190 | 2.310 | 1  |        |
| 7440-62-2  | Vanadium  | 24.7    |           | mg/Kg | 0.174 | 2.310 | 1  |        |
| 7440-66-6  | Zinc      | 144     |           | mg/Kg | 1.240 | 2.310 | 1  |        |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/24/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/25/07

**Customer Sample No.:** B-7-2-4

**Lab Sample ID:** Y2881-09

**Test:** PCB

**SDG ID:** Y2881

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 14.00

**Result Type:** Final

**Datafile:** P6004351

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 2.9 | 20    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 4.6 | 20    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 6.8 | 20    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 6.1 | 20    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 3.0 | 20    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 1.9 | 20    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 4.9 | 20    | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-7-2-4                        | Lab Sample ID:  | Y2881-09 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 14.00    |
| Result Type:         | Final                          | Datafile:       | P7014884 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.74 | 2.0   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 1.9  | 2.0   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.83 | 2.0   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 1.1  | 2.0   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.4  | 2.0   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.2  | 2.0   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 0.95 | 2.0   | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/Kg | 0.91 | 2.0   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 0.98 | 2.0   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 1.1  | 2.0   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.81 | 2.0   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.2  | 2.0   | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/Kg | 0.83 | 2.0   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 0.95 | 2.0   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.2  | 2.0   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/Kg | 0.97 | 2.0   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 1.0  | 2.0   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 4.1  | 20    | 1  |        |





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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-7-2-4                        | Lab Sample ID:  | Y2881-09 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 14.00    |
| Result Type:         | Final                          | Datafile:       | BE041124 |

| CAS Number | Parameter                   | Results | Qualifier | Units   | DL | RT/RL | DF | DIL/RI |
|------------|-----------------------------|---------|-----------|---------|----|-------|----|--------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug / Kg | 78 | 380   | 1  |        |
| 108-95-2   | Phenol                      | ND      | U         | ug / Kg | 58 | 380   | 1  |        |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug / Kg | 60 | 380   | 1  |        |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug / Kg | 61 | 380   | 1  |        |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug / Kg | 64 | 380   | 1  |        |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug / Kg | 62 | 380   | 1  |        |
| 98-86-2    | Acetophenone                | ND      | U         | ug / Kg | 56 | 380   | 1  |        |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug / Kg | 60 | 380   | 1  |        |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug / Kg | 63 | 380   | 1  |        |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug / Kg | 65 | 380   | 1  |        |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug / Kg | 83 | 380   | 1  |        |
| 78-59-1    | Isophorone                  | ND      | U         | ug / Kg | 57 | 380   | 1  |        |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug / Kg | 59 | 380   | 1  |        |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug / Kg | 61 | 380   | 1  |        |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug / Kg | 63 | 380   | 1  |        |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug / Kg | 71 | 380   | 1  |        |
| 91-20-3    | Naphthalene                 | ND      | U         | ug / Kg | 65 | 380   | 1  |        |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug / Kg | 46 | 380   | 1  |        |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug / Kg | 59 | 380   | 1  |        |
| 105-60-2   | Caprolactam                 | ND      | U         | ug / Kg | 61 | 380   | 1  |        |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug / Kg | 53 | 380   | 1  |        |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug / Kg | 64 | 380   | 1  |        |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug / Kg | 61 | 380   | 1  |        |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug / Kg | 56 | 380   | 1  |        |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug / Kg | 58 | 960   | 1  |        |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug / Kg | 63 | 380   | 1  |        |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug / Kg | 63 | 380   | 1  |        |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug / Kg | 49 | 960   | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-7-2-4                        | Lab Sample ID:  | Y2881-09 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 14.00    |
| Result Type:         | Final                          | DataFile:       | BE041124 |

| CAS Number | Parameter                  | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RI |
|------------|----------------------------|---------|-----------|---------|-----|-------|----|--------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug / Kg | 61  | 380   | 1  |        |
| 208-96-8   | Acenaphthylene             | ND      | U         | ug / Kg | 62  | 380   | 1  |        |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug / Kg | 54  | 380   | 1  |        |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug / Kg | 50  | 960   | 1  |        |
| 83-32-9    | Acenaphthene               | ND      | U         | ug / Kg | 68  | 380   | 1  |        |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug / Kg | 330 | 960   | 1  |        |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug / Kg | 47  | 960   | 1  |        |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug / Kg | 63  | 380   | 1  |        |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug / Kg | 56  | 380   | 1  |        |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug / Kg | 66  | 380   | 1  |        |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug / Kg | 60  | 380   | 1  |        |
| 86-73-7    | Fluorene                   | ND      | U         | ug / Kg | 64  | 380   | 1  |        |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug / Kg | 65  | 960   | 1  |        |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug / Kg | 74  | 960   | 1  |        |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug / Kg | 63  | 380   | 1  |        |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug / Kg | 57  | 380   | 1  |        |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug / Kg | 61  | 380   | 1  |        |
| 1912-24-9  | Atrazine                   | ND      | U         | ug / Kg | 59  | 380   | 1  |        |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug / Kg | 89  | 960   | 1  |        |
| 85-01-8    | Phenanthrene               | 260     | J         | ug / Kg | 61  | 380   | 1  |        |
| 120-12-7   | Anthracene                 | 78      | J         | ug / Kg | 58  | 380   | 1  |        |
| 86-74-8    | Carbazole                  | ND      | U         | ug / Kg | 58  | 380   | 1  |        |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug / Kg | 58  | 380   | 1  |        |
| 206-44-0   | Fluoranthene               | 370     | J         | ug / Kg | 57  | 380   | 1  |        |
| 129-00-0   | Pyrene                     | 300     | J         | ug / Kg | 68  | 380   | 1  |        |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug / Kg | 62  | 380   | 1  |        |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug / Kg | 65  | 380   | 1  |        |
| 56-55-3    | Benzo(a)anthracene         | 140     | J         | ug / Kg | 53  | 380   | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-7-2-4                        | Lab Sample ID:  | Y2881-09 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 14.00    |
| Result Type:         | Final                          | DataFile:       | BE041124 |

| CAS Number  | Parameter                          | Results | Qualifier | Units | DL | RT/RL | DF | DIL/R |
|-------------|------------------------------------|---------|-----------|-------|----|-------|----|-------|
| 218-01-9    | Chrysene                           | 130     | J         | ug/Kg | 69 | 380   | 1  |       |
| 117-81-7    | bis(2-Ethylhexyl)phthalate         | ND      | U         | ug/Kg | 73 | 380   | 1  |       |
| 117-84-0    | Di-n-octyl phthalate               | ND      | U         | ug/Kg | 65 | 380   | 1  |       |
| 205-99-2    | Benzo(b)fluoranthene               | 190     | J         | ug/Kg | 42 | 380   | 1  |       |
| 207-08-9    | Benzo(k)fluoranthene               | ND      | U         | ug/Kg | 84 | 380   | 1  |       |
| 50-32-8     | Benzo(a)pyrene                     | 160     | J         | ug/Kg | 61 | 380   | 1  |       |
| 193-39-5    | Indeno(1,2,3-cd)pyrene             | 160     | J         | ug/Kg | 49 | 380   | 1  |       |
| 53-70-3     | Dibenz(a,h)anthracene              | ND      | U         | ug/Kg | 48 | 380   | 1  |       |
| 191-24-2    | Benzo(g,h,i)perylene               | 170     | J         | ug/Kg | 63 | 380   | 1  |       |
| 108287-18-9 | 1-Formyl-2,2,6-trimethyl-3-(3-meth | 970     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 75581-03-2  | 2,6,10,14,18-Pentamethyl-2,6,10,14 | 210     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
| 56554-78-0  | 7-Heptadecene, 1-chloro-ACP2.78    | 210     | J         | ug/Kg | 0  | 0     | 1  | TIC   |
|             |                                    | 6200    | A         | ug/Kg | 0  | 0     | 1  | TIC   |
| 74339-53-0  | Trichloroacetic acid, pentadecyl e | 270     | J         | ug/Kg | 0  | 0     | 1  | TIC   |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-7-2-4                        | Lab Sample ID:  | Y2881-09 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 14.00    |
| Result Type:         | Final                          | Datafile:       | VK017181 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 4.9 | 29    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 4.9 | 29    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 4.7 | 29    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 12  | 29    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 12  | 29    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 7.2 | 29    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 3.8 | 29    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.3 | 29    | 1  |       |
| 67-64-1    | Acetone                        | 250     | B         | ug / Kg | 19  | 140   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 5.0 | 29    | 1  |       |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug / Kg | 11  | 29    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 3.7 | 29    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.5 | 29    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 16  | 140   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.6 | 29    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 2.0 | 29    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.4 | 29    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.4 | 29    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 11  | 140   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-7-2-4                        | Lab Sample ID:  | Y2881-09 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 14.00    |
| Result Type:         | Final                          | DataFile:       | VK017181 |

| CAS Number  | Parameter                   | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|---------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug / Kg | 1.9 | 29    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug / Kg | 1.7 | 29    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug / Kg | 21  | 140   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug / Kg | 1.3 | 29    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug / Kg | 2.3 | 29    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug / Kg | 4.2 | 29    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug / Kg | 2.1 | 29    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug / Kg | 2.0 | 29    | 1  |       |
| 126777-61-2 | m / p-Xylenes               | ND      | U         | ug / Kg | 5.0 | 58    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug / Kg | 2.2 | 29    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug / Kg | 2.6 | 29    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug / Kg | 2.4 | 29    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug / Kg | 1.8 | 29    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug / Kg | 3.2 | 29    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug / Kg | 3.1 | 29    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug / Kg | 2.2 | 29    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug / Kg | 5.4 | 29    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug / Kg | 3.9 | 29    | 1  |       |



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## Report of Analysis

|                             |                                       |                        |                 |
|-----------------------------|---------------------------------------|------------------------|-----------------|
| <b>Client:</b>              | <b>AKRF INC</b>                       | <b>Date Collected:</b> | <b>05/24/07</b> |
| <b>Project ID:</b>          | <b>Rockefeller University # 10757</b> | <b>Date Received:</b>  | <b>05/25/07</b> |
| <b>Customer Sample No.:</b> | <b>B-14-3-5</b>                       | <b>Lab Sample ID:</b>  | <b>Y2881-10</b> |
| <b>Test:</b>                | <b>Mercury</b>                        | <b>SDG ID:</b>         | <b>Y2881</b>    |
| <b>Analytical Method:</b>   | <b>EPA SW-846 7471 - HG</b>           | <b>% Moisture:</b>     | <b>19.70</b>    |
| <b>Result Type:</b>         | <b>Final</b>                          | <b>Datafile:</b>       | <b>053107A1</b> |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7439-97-6  | Mercury   | 0.124   |           | mg/Kg | 0.004 | 0.012 | 1  |        |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-14-3-5                       | Lab Sample ID:  | Y2881-10 |
| Test:                | Metals ICP-TAL                 | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 6010 - ICP1         | % Moisture:     | 19.70    |
| Result Type:         | Final                          | Datafile:       | P1053107 |

| CAS Number | Parameter | Results | Qualifier | Units | DL    | RT/RL | DF | DIL/RE |
|------------|-----------|---------|-----------|-------|-------|-------|----|--------|
| 7429-90-5  | Aluminum  | 7050    |           | mg/Kg | 1.110 | 6.230 | 1  |        |
| 7440-36-0  | Antimony  | ND      | U         | mg/Kg | 0.423 | 3.110 | 1  |        |
| 7440-38-2  | Arsenic   | 2.610   |           | mg/Kg | 0.249 | 1.250 | 1  |        |
| 7440-39-3  | Barium    | 61.5    |           | mg/Kg | 0.187 | 6.230 | 1  |        |
| 7440-41-7  | Beryllium | 0.326   | J         | mg/Kg | 0.012 | 0.374 | 1  |        |
| 7440-43-9  | Cadmium   | ND      | U         | mg/Kg | 0.075 | 0.374 | 1  |        |
| 7440-70-2  | Calcium   | 18900   |           | mg/Kg | 2.130 | 125   | 1  |        |
| 7440-47-3  | Chromium  | 12.4    |           | mg/Kg | 0.137 | 0.623 | 1  |        |
| 7440-48-4  | Cobalt    | 5.740   |           | mg/Kg | 0.174 | 1.870 | 1  |        |
| 7440-50-8  | Copper    | 15.8    |           | mg/Kg | 0.162 | 1.250 | 1  |        |
| 7439-89-6  | Iron      | 12700   |           | mg/Kg | 3.330 | 6.230 | 1  |        |
| 7439-92-1  | Lead      | 82.4    |           | mg/Kg | 0.174 | 0.747 | 1  |        |
| 7439-95-4  | Magnesium | 4310    |           | mg/Kg | 2.150 | 125   | 1  |        |
| 7439-96-5  | Manganese | 312     |           | mg/Kg | 0.075 | 1.250 | 1  |        |
| 7440-02-0  | Nickel    | 12.4    |           | mg/Kg | 0.149 | 2.490 | 1  |        |
| 7440-09-7  | Potassium | 1570    |           | mg/Kg | 27.3  | 125   | 1  |        |
| 7782-49-2  | Selenium  | ND      | U         | mg/Kg | 0.224 | 1.250 | 1  |        |
| 7440-22-4  | Silver    | ND      | U         | mg/Kg | 0.224 | 0.623 | 1  |        |
| 7440-23-5  | Sodium    | 234     |           | mg/Kg | 36.0  | 125   | 1  |        |
| 7440-28-0  | Thallium  | ND      | U         | mg/Kg | 2.350 | 2.490 | 1  |        |
| 7440-62-2  | Vanadium  | 19.6    |           | mg/Kg | 0.187 | 2.490 | 1  |        |
| 7440-66-6  | Zinc      | 72.8    |           | mg/Kg | 1.330 | 2.490 | 1  |        |



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## Report of Analysis

**Client:** AKRF INC

**Date Collected:** 05/24/07

**Project ID:** Rockefeller University # 10757

**Date Received:** 05/25/07

**Customer Sample No.:** B-14-3-5

**Lab Sample ID:** Y2881-10

**Test:** PCB

**SDG ID:** Y2881

**Analytical Method:** EPA SW-846 8082

**% Moisture:** 20.00

**Result Type:** Final

**Datafile:** P6004352

| CAS Number | Parameter    | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/RE |
|------------|--------------|---------|-----------|---------|-----|-------|----|--------|
| 12674-11-2 | Aroclor-1016 | ND      | U         | ug / Kg | 3.1 | 21    | 1  |        |
| 11104-28-2 | Aroclor-1221 | ND      | U         | ug / Kg | 4.9 | 21    | 1  |        |
| 11141-16-5 | Aroclor-1232 | ND      | U         | ug / Kg | 7.3 | 21    | 1  |        |
| 53469-21-9 | Aroclor-1242 | ND      | U         | ug / Kg | 6.5 | 21    | 1  |        |
| 12672-29-6 | Aroclor-1248 | ND      | U         | ug / Kg | 3.1 | 21    | 1  |        |
| 11097-69-1 | Aroclor-1254 | ND      | U         | ug / Kg | 2.0 | 21    | 1  |        |
| 11096-82-5 | Aroclor-1260 | ND      | U         | ug / Kg | 5.2 | 21    | 1  |        |





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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-14-3-5                       | Lab Sample ID:  | Y2881-10 |
| Test:                | Pesticide-TCL                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8081                | % Moisture:     | 20.00    |
| Result Type:         | Final                          | Datafile:       | P7014885 |

| CAS Number | Parameter          | Results | Qualifier | Units | DL   | RT/RL | DF | DIL/RE |
|------------|--------------------|---------|-----------|-------|------|-------|----|--------|
| 319-84-6   | alpha-BHC          | ND      | U         | ug/Kg | 0.80 | 2.1   | 1  |        |
| 319-85-7   | beta-BHC           | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 319-86-8   | delta-BHC          | ND      | U         | ug/Kg | 2.0  | 2.1   | 1  |        |
| 58-89-9    | gamma-BHC          | ND      | U         | ug/Kg | 0.90 | 2.1   | 1  |        |
| 76-44-8    | Heptachlor         | ND      | U         | ug/Kg | 1.2  | 2.1   | 1  |        |
| 309-00-2   | Aldrin             | ND      | U         | ug/Kg | 1.5  | 2.1   | 1  |        |
| 1024-57-3  | Heptachlor epoxide | ND      | U         | ug/Kg | 1.3  | 2.1   | 1  |        |
| 959-98-8   | Endosulfan I       | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 60-57-1    | Dieldrin           | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 72-55-9    | 4,4-DDE            | ND      | U         | ug/Kg | 0.98 | 2.1   | 1  |        |
| 72-20-8    | Endrin             | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 33213-65-9 | Endosulfan II      | ND      | U         | ug/Kg | 1.2  | 2.1   | 1  |        |
| 72-54-8    | 4,4-DDD            | ND      | U         | ug/Kg | 0.87 | 2.1   | 1  |        |
| 1031-07-8  | Endosulfan Sulfate | ND      | U         | ug/Kg | 1.3  | 2.1   | 1  |        |
| 50-29-3    | 4,4-DDT            | ND      | U         | ug/Kg | 0.90 | 2.1   | 1  |        |
| 72-43-5    | Methoxychlor       | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 53494-70-5 | Endrin ketone      | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 7421-93-4  | Endrin aldehyde    | ND      | U         | ug/Kg | 1.2  | 2.1   | 1  |        |
| 5103-71-9  | alpha-Chlordane    | ND      | U         | ug/Kg | 1.0  | 2.1   | 1  |        |
| 5103-74-2  | gamma-Chlordane    | ND      | U         | ug/Kg | 1.1  | 2.1   | 1  |        |
| 8001-35-2  | Toxaphene          | ND      | U         | ug/Kg | 4.5  | 21    | 1  |        |



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|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-14-3-5                       | Lab Sample ID:  | Y2881-10 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 20.00    |
| Result Type:         | Final                          | Datafile:       | BE041125 |

| CAS Number | Parameter                   | Results | Qualifier | Units   | DL | RT/RL | DF | DIL/R |
|------------|-----------------------------|---------|-----------|---------|----|-------|----|-------|
| 100-52-7   | Benzaldehyde                | ND      | U         | ug / Kg | 84 | 410   | 1  |       |
| 108-95-2   | Phenol                      | ND      | U         | ug / Kg | 62 | 410   | 1  |       |
| 111-44-4   | bis(2-Chloroethyl)ether     | ND      | U         | ug / Kg | 65 | 410   | 1  |       |
| 95-57-8    | 2-Chlorophenol              | ND      | U         | ug / Kg | 66 | 410   | 1  |       |
| 95-48-7    | 2-Methylphenol              | ND      | U         | ug / Kg | 68 | 410   | 1  |       |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | ND      | U         | ug / Kg | 66 | 410   | 1  |       |
| 98-86-2    | Acetophenone                | ND      | U         | ug / Kg | 60 | 410   | 1  |       |
| 106-44-5   | 3+4-Methylphenols           | ND      | U         | ug / Kg | 65 | 410   | 1  |       |
| 621-64-7   | N-Nitroso-di-n-propylamine  | ND      | U         | ug / Kg | 68 | 410   | 1  |       |
| 67-72-1    | Hexachloroethane            | ND      | U         | ug / Kg | 70 | 410   | 1  |       |
| 98-95-3    | Nitrobenzene                | ND      | U         | ug / Kg | 90 | 410   | 1  |       |
| 78-59-1    | Isophorone                  | ND      | U         | ug / Kg | 62 | 410   | 1  |       |
| 88-75-5    | 2-Nitrophenol               | ND      | U         | ug / Kg | 63 | 410   | 1  |       |
| 105-67-9   | 2,4-Dimethylphenol          | ND      | U         | ug / Kg | 65 | 410   | 1  |       |
| 111-91-1   | bis(2-Chloroethoxy)methane  | ND      | U         | ug / Kg | 68 | 410   | 1  |       |
| 120-83-2   | 2,4-Dichlorophenol          | ND      | U         | ug / Kg | 76 | 410   | 1  |       |
| 91-20-3    | Naphthalene                 | ND      | U         | ug / Kg | 70 | 410   | 1  |       |
| 106-47-8   | 4-Chloroaniline             | ND      | U         | ug / Kg | 49 | 410   | 1  |       |
| 87-68-3    | Hexachlorobutadiene         | ND      | U         | ug / Kg | 63 | 410   | 1  |       |
| 105-60-2   | Caprolactam                 | ND      | U         | ug / Kg | 66 | 410   | 1  |       |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND      | U         | ug / Kg | 57 | 410   | 1  |       |
| 91-57-6    | 2-Methylnaphthalene         | ND      | U         | ug / Kg | 69 | 410   | 1  |       |
| 77-47-4    | Hexachlorocyclopentadiene   | ND      | U         | ug / Kg | 66 | 410   | 1  |       |
| 88-06-2    | 2,4,6-Trichlorophenol       | ND      | U         | ug / Kg | 60 | 410   | 1  |       |
| 95-95-4    | 2,4,5-Trichlorophenol       | ND      | U         | ug / Kg | 63 | 1000  | 1  |       |
| 92-52-4    | 1,1-Biphenyl                | ND      | U         | ug / Kg | 68 | 410   | 1  |       |
| 91-58-7    | 2-Chloronaphthalene         | ND      | U         | ug / Kg | 68 | 410   | 1  |       |
| 88-74-4    | 2-Nitroaniline              | ND      | U         | ug / Kg | 52 | 1000  | 1  |       |



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## Report of Analysis

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|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-14-3-5                       | Lab Sample ID:  | Y2881-10 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 20.00    |
| Result Type:         | Final                          | DataFile:       | BE041125 |

| CAS Number | Parameter                  | Results | Qualifier | Units | DL  | RT/RL | DF | DIL/R |
|------------|----------------------------|---------|-----------|-------|-----|-------|----|-------|
| 131-11-3   | Dimethylphthalate          | ND      | U         | ug/Kg | 66  | 410   | 1  |       |
| 208-96-8   | Acenaphthylene             | ND      | U         | ug/Kg | 67  | 410   | 1  |       |
| 606-20-2   | 2,6-Dinitrotoluene         | ND      | U         | ug/Kg | 58  | 410   | 1  |       |
| 99-09-2    | 3-Nitroaniline             | ND      | U         | ug/Kg | 54  | 1000  | 1  |       |
| 83-32-9    | Acenaphthene               | ND      | U         | ug/Kg | 73  | 410   | 1  |       |
| 51-28-5    | 2,4-Dinitrophenol          | ND      | U         | ug/Kg | 350 | 1000  | 1  |       |
| 100-02-7   | 4-Nitrophenol              | ND      | U         | ug/Kg | 51  | 1000  | 1  |       |
| 132-64-9   | Dibenzofuran               | ND      | U         | ug/Kg | 68  | 410   | 1  |       |
| 121-14-2   | 2,4-Dinitrotoluene         | ND      | U         | ug/Kg | 60  | 410   | 1  |       |
| 84-66-2    | Diethylphthalate           | ND      | U         | ug/Kg | 71  | 410   | 1  |       |
| 7005-72-3  | 4-Chlorophenyl-phenylether | ND      | U         | ug/Kg | 65  | 410   | 1  |       |
| 86-73-7    | Fluorene                   | ND      | U         | ug/Kg | 69  | 410   | 1  |       |
| 100-01-6   | 4-Nitroaniline             | ND      | U         | ug/Kg | 70  | 1000  | 1  |       |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND      | U         | ug/Kg | 80  | 1000  | 1  |       |
| 86-30-6    | N-Nitrosodiphenylamine     | ND      | U         | ug/Kg | 68  | 410   | 1  |       |
| 101-55-3   | 4-Bromophenyl-phenylether  | ND      | U         | ug/Kg | 61  | 410   | 1  |       |
| 118-74-1   | Hexachlorobenzene          | ND      | U         | ug/Kg | 66  | 410   | 1  |       |
| 1912-24-9  | Atrazine                   | ND      | U         | ug/Kg | 63  | 410   | 1  |       |
| 87-86-5    | Pentachlorophenol          | ND      | U         | ug/Kg | 95  | 1000  | 1  |       |
| 85-01-8    | Phenanthrene               | 87      | J         | ug/Kg | 66  | 410   | 1  |       |
| 120-12-7   | Anthracene                 | ND      | U         | ug/Kg | 62  | 410   | 1  |       |
| 86-74-8    | Carbazole                  | ND      | U         | ug/Kg | 63  | 410   | 1  |       |
| 84-74-2    | Di-n-butylphthalate        | ND      | U         | ug/Kg | 63  | 410   | 1  |       |
| 206-44-0   | Fluoranthene               | 160     | J         | ug/Kg | 61  | 410   | 1  |       |
| 129-00-0   | Pyrene                     | 160     | J         | ug/Kg | 73  | 410   | 1  |       |
| 85-68-7    | Butylbenzylphthalate       | ND      | U         | ug/Kg | 67  | 410   | 1  |       |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND      | U         | ug/Kg | 70  | 410   | 1  |       |
| 56-55-3    | Benzo(a)anthracene         | 80      | J         | ug/Kg | 58  | 410   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-14-3-5                       | Lab Sample ID:  | Y2881-10 |
| Test:                | SVOC-TCL BNA -20               | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW-846 8270                | % Moisture:     | 20.00    |
| Result Type:         | Final                          | DataFile:       | BE041125 |

| CAS Number | Parameter                          | Results | Qualifier | Units | DL | RT/RL | DF | DIL/R |
|------------|------------------------------------|---------|-----------|-------|----|-------|----|-------|
| 218-01-9   | Chrysene                           | 77      | J         | ug/Kg | 74 | 410   | 1  |       |
| 117-81-7   | bis(2-Ethylhexyl)phthalate         | ND      | U         | ug/Kg | 79 | 410   | 1  |       |
| 117-84-0   | Di-n-octyl phthalate               | ND      | U         | ug/Kg | 70 | 410   | 1  |       |
| 205-99-2   | Benzo(b)fluoranthene               | 65      | J         | ug/Kg | 45 | 410   | 1  |       |
| 207-08-9   | Benzo(k)fluoranthene               | ND      | U         | ug/Kg | 91 | 410   | 1  |       |
| 50-32-8    | Benzo(a)pyrene                     | 77      | J         | ug/Kg | 66 | 410   | 1  |       |
| 193-39-5   | Indeno(1,2,3-cd)pyrene             | ND      | U         | ug/Kg | 52 | 410   | 1  |       |
| 53-70-3    | Dibenz(a,h)anthracene              | ND      | U         | ug/Kg | 52 | 410   | 1  |       |
| 191-24-2   | Benzo(g,h,i)perylene               | ND      | U         | ug/Kg | 68 | 410   | 1  |       |
|            | ACP2.79                            | 6700    | A         | ug/Kg | 0  | 0     | 1  | TIC   |
| 22599-96-8 | Cholestan-3-ol, 2-methylene-, (3.b | 220     | J         | ug/Kg | 0  | 0     | 1  | TIC   |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-14-3-5                       | Lab Sample ID:  | Y2881-10 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 20.00    |
| Result Type:         | Final                          | Datafile:       | VK017208 |

| CAS Number | Parameter                      | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|------------|--------------------------------|---------|-----------|---------|-----|-------|----|-------|
| 75-71-8    | Dichlorodifluoromethane        | ND      | U         | ug / Kg | 5.4 | 31    | 1  |       |
| 74-87-3    | Chloromethane                  | ND      | U         | ug / Kg | 5.3 | 31    | 1  |       |
| 75-01-4    | Vinyl Chloride                 | ND      | U         | ug / Kg | 5.1 | 31    | 1  |       |
| 74-83-9    | Bromomethane                   | ND      | U         | ug / Kg | 13  | 31    | 1  |       |
| 75-00-3    | Chloroethane                   | ND      | U         | ug / Kg | 13  | 31    | 1  |       |
| 75-69-4    | Trichlorofluoromethane         | ND      | U         | ug / Kg | 7.8 | 31    | 1  |       |
| 76-13-1    | 1,1,2-Trichlorotrifluoroethane | ND      | U         | ug / Kg | 4.2 | 31    | 1  |       |
| 75-35-4    | 1,1-Dichloroethene             | ND      | U         | ug / Kg | 3.6 | 31    | 1  |       |
| 67-64-1    | Acetone                        | 90      | J         | ug / Kg | 21  | 160   | 1  |       |
| 75-15-0    | Carbon Disulfide               | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 1634-04-4  | Methyl tert-butyl Ether        | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 79-20-9    | Methyl Acetate                 | ND      | U         | ug / Kg | 5.4 | 31    | 1  |       |
| 75-09-2    | Methylene Chloride             | ND      | U         | ug / Kg | 11  | 31    | 1  |       |
| 156-60-5   | trans-1,2-Dichloroethene       | ND      | U         | ug / Kg | 4.0 | 31    | 1  |       |
| 75-34-3    | 1,1-Dichloroethane             | ND      | U         | ug / Kg | 1.7 | 31    | 1  |       |
| 110-82-7   | Cyclohexane                    | ND      | U         | ug / Kg | 2.0 | 31    | 1  |       |
| 78-93-3    | 2-Butanone                     | ND      | U         | ug / Kg | 18  | 160   | 1  |       |
| 56-23-5    | Carbon Tetrachloride           | ND      | U         | ug / Kg | 2.8 | 31    | 1  |       |
| 156-59-2   | cis-1,2-Dichloroethene         | ND      | U         | ug / Kg | 2.0 | 31    | 1  |       |
| 67-66-3    | Chloroform                     | ND      | U         | ug / Kg | 2.2 | 31    | 1  |       |
| 71-55-6    | 1,1,1-Trichloroethane          | ND      | U         | ug / Kg | 2.6 | 31    | 1  |       |
| 108-87-2   | Methylcyclohexane              | ND      | U         | ug / Kg | 2.6 | 31    | 1  |       |
| 71-43-2    | Benzene                        | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 107-06-2   | 1,2-Dichloroethane             | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 79-01-6    | Trichloroethene                | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 78-87-5    | 1,2-Dichloropropane            | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 75-27-4    | Bromodichloromethane           | ND      | U         | ug / Kg | 2.1 | 31    | 1  |       |
| 108-10-1   | 4-Methyl-2-Pentanone           | ND      | U         | ug / Kg | 12  | 160   | 1  |       |



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## Report of Analysis

|                      |                                |                 |          |
|----------------------|--------------------------------|-----------------|----------|
| Client:              | AKRF INC                       | Date Collected: | 05/24/07 |
| Project ID:          | Rockefeller University # 10757 | Date Received:  | 05/25/07 |
| Customer Sample No.: | B-14-3-5                       | Lab Sample ID:  | Y2881-10 |
| Test:                | VOC-TCLVOA-10                  | SDG ID:         | Y2881    |
| Analytical Method:   | EPA SW846 8260                 | % Moisture:     | 20.00    |
| Result Type:         | Final                          | DataFile:       | VK017208 |

| CAS Number  | Parameter                   | Results | Qualifier | Units   | DL  | RT/RL | DF | DIL/R |
|-------------|-----------------------------|---------|-----------|---------|-----|-------|----|-------|
| 108-88-3    | Toluene                     | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 10061-02-6  | t-1,3-Dichloropropene       | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 10061-01-5  | cis-1,3-Dichloropropene     | ND      | U         | ug / Kg | 2.1 | 31    | 1  |       |
| 79-00-5     | 1,1,2-Trichloroethane       | ND      | U         | ug / Kg | 1.8 | 31    | 1  |       |
| 591-78-6    | 2-Hexanone                  | ND      | U         | ug / Kg | 23  | 160   | 1  |       |
| 124-48-1    | Dibromochloromethane        | ND      | U         | ug / Kg | 1.4 | 31    | 1  |       |
| 106-93-4    | 1,2-Dibromoethane           | ND      | U         | ug / Kg | 2.5 | 31    | 1  |       |
| 127-18-4    | Tetrachloroethene           | ND      | U         | ug / Kg | 4.6 | 31    | 1  |       |
| 108-90-7    | Chlorobenzene               | ND      | U         | ug / Kg | 2.3 | 31    | 1  |       |
| 100-41-4    | Ethyl Benzene               | ND      | U         | ug / Kg | 2.2 | 31    | 1  |       |
| 126777-61-2 | m / p-Xylenes               | ND      | U         | ug / Kg | 5.4 | 62    | 1  |       |
| 95-47-6     | o-Xylene                    | ND      | U         | ug / Kg | 2.4 | 31    | 1  |       |
| 100-42-5    | Styrene                     | ND      | U         | ug / Kg | 2.9 | 31    | 1  |       |
| 75-25-2     | Bromoform                   | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 98-82-8     | Isopropylbenzene            | ND      | U         | ug / Kg | 2.6 | 31    | 1  |       |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | ND      | U         | ug / Kg | 1.9 | 31    | 1  |       |
| 541-73-1    | 1,3-Dichlorobenzene         | ND      | U         | ug / Kg | 3.5 | 31    | 1  |       |
| 106-46-7    | 1,4-Dichlorobenzene         | ND      | U         | ug / Kg | 3.4 | 31    | 1  |       |
| 95-50-1     | 1,2-Dichlorobenzene         | ND      | U         | ug / Kg | 2.4 | 31    | 1  |       |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | ND      | U         | ug / Kg | 5.9 | 31    | 1  |       |
| 120-82-1    | 1,2,4-Trichlorobenzene      | ND      | U         | ug / Kg | 4.3 | 31    | 1  |       |

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U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

J = Estimated Value

B = Analyte Found In Associated Method  
Blank

N = Presumptive Evidence of a Compound

Project #: Y2881  
6/1/2007 5:52:36 PM  
End of Report

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