TAYSTEE BAKERY REDEVELOPMENT

MANHATTAN, NEW YORK

Remedial Investigation Report

NYC VCP Site Number:

OER Project Number 13EH-A210M

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REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC VCP	New York City Voluntary Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Stephen Kaplan, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the Taystee Bakery Redevelopment, (NYC VCP Site No. 13EH-A210M). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Stephen Kaplan 4/10/15

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 426-458 West 126th Street in the Harlem neighborhood of Manhattan, New York and is identified as Block 1966 and Lot 95 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 38,383 square feet and is bounded by West 126th Street to the north, the rear yards of mixed-use buildings located on West 125th Street to the south, a parking lot to the east, and a residential building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is comprised of vacant land.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of new construction of an eleven-story building designated for commercial, industrial, community facility, retail and/or mixed commercial uses, with one cellar-level that will contain building mechanical systems and permitted uses as per the zoning designation. Layout of the proposed site development is presented in Figure 3. The current zoning designation is MX15 which is a Special Mixed-Use District combining M1-5 and R7-2 districts. The proposed use is consistent with existing zoning for the property. No residential uses are currently proposed.

Summary of Past Uses of Site and Areas of Concern

A Phase I Environmental Site Assessment (ESA) was prepared by VHB for TSTY Create LLC dated February 2012. As part of the Phase I ESA, VHB was able to establish a history for the Site dating back to 1902. According to a review of New York City records, Sanborn maps, aerial photographs, as well as personnel interviews, the Site was improved with nine small buildings as early as 1902. Between 1902 and 1912, portions of the existing Site were constructed, including the building that was known as 432 through 434 West 126th Street. Between 1912 and 1951, based on a review of Sanborn maps, the remaining portions of the Site were built and connected to the previously existing structures. Specifically, the building that was

known as 426 through 430 West 126th Street was constructed in 1916, and the building that was known as 436 through 454 West 126th Street was constructed in 1923. The Site was formerly utilized as a wholesale bakery and associated offices prior to being vacated approximately 40 years ago. The property located at 456 West 126th Street was likely renovated circa 2001 into a gourmet food store, which was subsequently vacated between 2010 and 2011.

After completion of the Phase I, Phase II, soil borings around the abandoned-in-place underground petroleum storage tank and site inspection, no Areas of Concern were identified.

Summary of the Work Performed under the Remedial Investigation

TSTY Create LLC using VHB as a contractor performed the following scope of work, as approved by NYCOER:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed eight soil borings across the entire project Site, and collected fifteen soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed five temporary groundwater monitoring wells throughout the Site to establish groundwater flow and collected five groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed seven soil vapor probes around Site perimeter and collected seven samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property ranges from 26.9 to 28.9 feet.
2. Depth to groundwater ranges from 23.58 to 24.92 feet at the Site.
3. Groundwater flow beneath the Site is generally from the east-to-west, consistent with the regional trend, toward the Hudson River.
4. Bedrock was not encountered during VHB's subsurface investigation.
5. The stratigraphy of the site, from the surface down, revealed the presence of construction and demolition (C&D) debris from zero to approximately 12-to-13-feet below grade surface (bgs), conditions which were primarily uniform throughout the Site. Former

building foundations were encountered around 12-to-13 feet bgs. Beneath building foundation generally consisted of red/brown silty sands with traces of gravel down to terminal soil boring depths.

6. Soil/fill samples results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (Track 1) and Restricted Residential Use Soil Cleanup Objectives (Track 2) as presented in 6NYCRR Part 375-6.8. Soil samples collected during the RI revealed no volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) or polychlorinated biphenyls (PCBs) at detectable concentrations and all were below Unrestricted Use Soil Cleanup Objectives. Metals, including aluminum (max. of 15,000 mg/kg), chromium (maximum of 34 mg/kg), iron (max. of 26,000 mg/kg), nickel (max. of 31 mg/kg) and vandium (max. of 49 mg/kg) were detected above Track 1 Unrestricted Use SCOs, but did not exceed Track 2 Restricted Residential Use SCOs. Two pesticides, 4,4'-DDE (max. of 12.5 µg/kg) and 4,4'-DDT (max. of 22.1 µg/kg) were detected at concentrations above Track 1 Unrestricted Use SCOs in one soil boring. Overall, the soil chemistry is unremarkable and does not indicate any disposal.

7. Groundwater samples collected during the RI showed no pesticide or PCB exceedances of New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and guidance values for drinking water (Class GA). Several VOCs, including 1,2-dichloroethene (max. of 41 µg/L), cis-1,2-dichloroethene (max. of 40 µg/L), tetrachloroethene (PCE) (max. of 33 µg/L) and trichloroethene (TCE) (max. of 45 µg/L) were detected above AWQSGVs. Two SVOCs, benzo[a]anthracene (max. of 0.11 µg/L) and chrysene (max. of 0.09 µg/L) were identified above NYSDEC AWQSGVs. Several metals were identified in groundwater, but only manganese (max. of 5.078 µg/L), sodium (max. of 268 µg/L), iron (0.412 µg/L) and magnesium (max. of 62.3 µg/L) were identified above AWQSGVs in dissolved phase. None of these chemical findings appear to be linked to the past usage of the site as a bakery and office and the RI indicates that groundwater is not impacted by site conditions and did not reveal any sources of contaminants onsite.

8. Seven soil vapor results collected during the RI were compared to the compounds listed in Vapor Intrusion Matrices in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion, dated October 2006. Soil vapor

results show petroleum related and associated derivatives at trace concentrations. The maximum concentrations of BTEX compounds were at 71μg/m^3. Most compounds were detected at concentrations less than 20 μg/m^3 except for acetone (max. of 447 μg/m^3), carbon disulfide (max. of 101μg/m^3), and isopropyl alcohol (max. of 204 μg/m^3). The chlorinated VOC PCE was detected in one of seven samples at 4.3 μg/m^3. TCA, TCE and carbon tetrachloride were not detected in soil vapor samples. Concentrations of PCE are below the NYSDOH matrix for monitoring.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

TSTY Create LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 38,383 square foot site located at 426-458 West 126th Street in the Harlem neighborhood of Manhattan, New York. Commercial, industrial, community facility, retail and/or mixed commercial uses are proposed for the property. The RI work was performed between January 23, 2015 and February 2, 2015. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 426-458 West 126th Street in the Harlem neighborhood of Manhattan, New York and is identified as Block 1966 and Lot 95 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 38,383 square feet and is bounded by West 126th Street to the north, the rear yards of mixed-use buildings located on West 125th Street to the south, a parking lot to the east, and a residential building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is comprised of vacant land.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of new construction of an eleven-story building designated for commercial, industrial, community facility, retail and/or mixed commercial uses. Layout of the proposed site development is presented in Figure 3. The current zoning designation is MX15 which is a Special Mixed-Use District combining M1-5 and R7-2 districts. The proposed use is consistent with existing zoning for the property. No residential uses are currently proposed.

There will be one cellar-level that will contain building mechanical systems and permitted uses as per the zoning designation above. The one new building constructed on the site will have an estimated gross area of 261,400 square feet of space above grade or 248,145 square feet for zoning purposes after taking into account mechanical deductions. This is broken down to

approximately 56,230 square feet of Community Facility uses and 191,915 square feet of Commercial Uses. The building will be approximately 155' tall. There will be a setback in the rear yard of 20' deep by approximately 100' long plus another open space on the west side of the property running north to south that will be approximately 30' wide by 100' long. All open spaces will include paving and landscaping. All existing buildings, which were part of a long-abandoned bakery complex, have either been demolished or are slated to be demolished shortly. The proposed building will not cover the entire footprint of the site as shown on the site plan. After demolition, the site will be excavated down to a total of approximately 13 feet bgs in order to install building footings, the basement concrete slab and the cellar floor. In two areas, the site will be excavated to 19 feet bgs to install elevator pits. It is not expected that groundwater will be encountered during excavation, which prior investigations indicate is approximately 23.58 to 24.92 feet bgs. It is estimated that 19,000 tons of material will be generated and removed from the excavation.

1.3 Description of Surrounding Property

The project is located in a mixed-use area in West Harlem. The area includes many existing and former manufacturing, community facility and residential/retail uses. To the north, across West 126th Street, there is a community facility for alcohol rehabilitation, a vacant lot that is used as at-grade parking and multi-family residential buildings owned by the non-profit organization ECDO. To the east is a vacant lot that is used as an at-grade parking lot for U-Haul rental trucks. To the south are the backyards of a series of multi-family residential buildings with ground floor commercial uses that range in height from four-to-six stories with ground floor retail uses. To the west is a five-story multi-family residential building. Figure 2 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

A Phase I Environmental Site Assessment (ESA) was prepared by VHB for TSTY Create LLC dated February 2012. As part of the Phase I ESA, VHB was able to establish a history for the Site dating back to 1902. According to a review of New York City records, Sanborn maps, aerial photographs, as well as personnel interviews, the Site was improved with nine small buildings as early as 1902. Between 1902 and 1912, portions of the existing Site were constructed, including the building that was known as 432 through 434 West 126th Street. Between 1912 and 1951, based on a review of Sanborn maps, the remaining portions of the Site were built and connected to the previously existing structures. Specifically, the building that was known as 426 through 430 West 126th Street was constructed in 1916, and the building that was known as 436 through 454 West 126th Street was constructed in 1923. The Site was formerly utilized as a wholesale bakery and associated offices prior to being vacated approximately 40 years ago. The property located at 456West 126th Street was likely renovated circa 2001 into a gourmet food store, which was subsequently vacated between 2010 and 2011.

2.2 Previous Investigations

In addition to the above-mentioned Phase I report, VHB performed a Phase II together with a Geophysical Survey of the site in order to investigate potential impacts relating to an abandoned-in-place UST. During the Phase II ESA, the perimeter of the underground petroleum storage tank was delineated as part of a Geophysical Survey. Remote fill and a vent pipe were observed along the northern exterior of the vacant building known as 456 West 126th Street. Four sections of the overlying concrete slab immediately adjacent to the UST were removed, and soils below were hand-cleared in order to expose the top and side walls of the UST. The four areas of investigation were utilized for installation of soil borings. As a result of exposing the UST, the interior contents were confirmed to consist of concrete slurry. As such, it was confirmed that the UST had been properly abandoned-in-place. No further tanks or environmental concerns were discovered. Soil borings were installed surrounding the perimeter of the UST at depths ranging from six-to-11 feet bgs and three (3) soil samples were collected and submitted for laboratory analysis. The samples were analyzed for NYSDEC Spill Technology and Remediation Series (STARS) VOCs using United States Environmental Protection Agency (USEPA) Method 8260 and for NYSDEC STARS SVOCs using USEPA Method 8270. Laboratory data indicated

detected concentrations of VOCs and SVOCs in each of the three soil borings indicative of petroleum. Further, concentrations of 1,2,4-trimethylbenzene and total xylenes exceeded the NYSDEC Part 375 UUSCOs. Tsty Create LLC informed the New York City Economic Development Corporation (NYC EDC), the then-owner of the site, of these conditions. VHB notified the NYSDEC of reportable contamination and NYSDEC Spill No. 11-12132 was created for this incident. In response, NYSDEC provided guidance and established a protocol (described in the Phase II ESA) requiring testing of the groundwater down gradient of the location of the UST to determine if the contamination associated with the abandoned-in-place UST had impacted groundwater quality. The testing required by the NYSDEC of the groundwater was performed and showed no areas of concern and that the point-source of contamination was eliminated causing no further impacts to subsurface conditions. Accordingly, VHB prepared a report to the NYSDEC which then issued a Spill Closure dated August 7, 2012.

2.3 Site Inspection

Bryan Murty of VHB performed a visual inspection of the site in January and February of 2012 as part of the Phase I and Phase II ESAs when the former bakery buildings were still standing on the site and discovered no items of environmental concern except as noted in Section 2.2 above. In addition, Raymond Marino, a field geologist for VHB visually inspected the vacant site in January and February of 2015 as part of the oversight of the soil, soil vapor and ground water sampling undertaken for the OER Work Plan. Again, no items of environmental concern were discovered.

2.4 Areas of Concern

After completion of the Phase I, Phase II, soil borings around the abandoned-in-place underground petroleum storage tank and site inspection, no Areas of Concern were identified.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Stephen Kaplan of VHB Engineering, Surveying and Landscape Architecture, P.C.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

TSTY Create LLC using VHB as a contractor performed the following scope of work, as approved by NYCOER:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed eight soil borings across the entire project Site, and collected fifteen soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed five temporary groundwater monitoring wells throughout the Site to establish groundwater flow and collected five groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed seven soil vapor probes around Site perimeter and collected seven samples for chemical analysis.

4.1 Geophysical Investigation

In January 2012, as part of the Phase II ESA subsurface investigation, VHB and its subcontractor Consumer Markouts (CM) performed a Geophysical Survey using a magnetometer and ground-penetrating radar [GPR]) of the Site. The results of the geophysical survey are included in the Phase II report which were previously provided to NYCOER.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

As previously indicated, in order to supplement previous Phase II ESA subsurface investigations conducted by VHB, TSTY Create LLC and its subcontractors installed eight additional soil borings throughout the Site. The soil borings were installed at various locations in order to be representative of historic fill material beneath former building foundations. The eight soil borings were installed utilizing a truck-mounted drill rig. It should be noted that at the time of sampling, the majority of the on-site buildings had been demolished and had been collapsed into the former building foundations. As such, the truck-mounted drill rig was utilized to clear construction and demolition (C&D) debris and to break through the existing foundations in order to collect soil samples below the foundations. Representative multi-depth soil samples from each boring location were collected from below the building foundations, where feasible to the

terminal excavation depth of the proposed site redevelopment (13'-15' bgs). Specifically, continuous soil samples were collected from each boring location to the terminal excavation depth. Soils were screened utilizing a photoionization detector (PID).[1] VHB recorded soil detailed logs at each boring location. The soil boring logs include soil lithology, depth-to-groundwater (if encountered), PID readings and sample collection noted. It should be noted that based upon field conditions and sample recovery, some sample collection depths indicated in the approved NYCOER Work Plan were revised. The following soil borings were installed by TSTY Create LLC's subcontractors:

- SB-5 was installed along the southern portions of the Site, within the location of the former bakery building. The soil boring was installed to a terminal depth of 17-feet bgs. Soils consisted of fill materials including brick, concrete and wood debris from zero to approximately 13-feet bgs (i.e., building foundation). Below the building foundation, reddish-brown silty sands with a trace of gravel were observed from 13'-15' bgs. Dark brown sand with traces of gravel were observed from 15'-17' bgs. PID detections ranged from 0.1-to-10.2 ppm.

- SB-6 was installed along the southeastern portion of the Site, within the location of the former bakery. The soil boring was installed to a terminal depth of approximately 17-feet bgs. Soils consisted of fill materials including brick, concrete and wood debris from zero to approximately 13-feet bgs (i.e., building foundation). Below the building foundation, reddish-brown silty sands with a trace of gravel were observed from 13'-to-17' bgs. PID detections ranged from 0.0-to-5.5 ppm.

- SB-7 was installed along the eastern-central portions of the Site, within the location of the former bakery. The soil boring was installed to a terminal depth of approximately 15-feet bgs. The building foundation was encountered at a slightly shallower depth at this location (approximately nine-feet bgs). Soils consisted of fill materials including brick, concrete and wood debris from zero to approximately nine-feet bgs (i.e., building foundation). Below the building foundation, brown silty sands with traces of gravel were observed from approximately nine-feet to the terminal boring depth (15-feet bgs). No PID detections were identified at this location.

[1] A PID is a handheld instrument capable of detecting a wide range of VOCs.

- SB-8 was installed along the western-central portions of the Site, within the location of the former bakery. The soil boring was installed to a terminal depth of approximately 15-feet bgs. The building foundation was encountered at approximately 11-feet bgs. As such, soils consisted of fill materials including brick, concrete and wood debris from zero to approximately 11-feet bgs (i.e., building foundation). Below the building foundation, reddish brown silty sands were observed with traces of gravel to the terminal boring depth (15-feet bgs). No PID detections were identified at this location.

- SB-9 was installed along the northeastern portions of the Site, within the location of the former bakery building. The soil boring was installed to a terminal depth of 15-feet bgs. The building foundation was encountered at approximately nine-feet bgs. As such, soils consisted of fill materials including brick, concrete and wood debris from zero to approximately nine-feet bgs (i.e., building foundation). Below the building foundation, reddish brown silty sands were observed with traces of gravel to the terminal boring depth (15-feet bgs). No PID detections were identified at this location.

- SB-10 was installed along the northwestern portions of the Site, within the location of the existing vacant parcel. The soil boring was installed to a terminal depth of approximately 14-feet bgs. Fill materials, including brick, concrete and wood pieces were encountered between zero-to-12-feet bgs. Below fill material, dark brown sands with traces of gravel were encountered between 12-to-14-feet bgs. No PID detections were identified at this location.

- SB-11 was installed along the northwestern portions of the Site, within the location of the former bakery. The soil boring was installed to a terminal depth of 15-feet bgs. The building foundation was encountered at approximately 11-feet bgs. As such, soils consisted of fill materials including brick, concrete and wood debris from zero to approximately 11-feet bgs (i.e., building foundation). Below the building foundation, reddish brown silty sands were observed with traces of gravel to the terminal boring depth (15-feet bgs). No PID detections were identified at this location.

- SB-12 was installed on the central portions of the site. The soil boring was installed to a terminal depth of 17-feet bgs. The former building foundation was encountered

at approximately 11-feet bgs. Below the building foundation, reddish-brown silty sands were observed with traces of gravel to the terminal boring depth (17-feet). No PID detections were identified at this location.

Boring logs were prepared by a field geologist working under the supervision of a QEP and are attached in Appendix A. A map showing the location of soil borings and monitor wells is shown in Figure 4.

Groundwater Monitoring Well Construction

As indicated in the NYCOER-approved Work Plan, four temporary groundwater monitoring wells were installed utilizing a Geoprobe® hydraulic push drill rig (re-usable drilling equipment was field decontaminated between uses). Factory-new disposable polyethylene tubing equipped with a check valve was inserted into the screened interval of the temporary monitoring well. Using the hand oscillatory method or a decontaminated groundwater pump, the groundwater was drawn to the surface. Groundwater was purged into a NYSDOT-approved 55-gallon drum until turbidity was visibly reduced. The four temporary groundwater monitoring wells were installed within the locations of several soil borings. The following groundwater samples correspond to the aforementioned soil borings:

- GW-2 corresponds to SB-5
- GW-3 corresponds to SB-7
- GW-4 corresponds to SB-12
- GW-5 corresponds to SB-11

It should be noted that sample GW-1 was collected from a previously installed permanent monitoring well that was installed as a result of previous subsurface investigations performed by VHB at the Site.

Groundwater sample locations are shown in Figure 5.

Survey

The location of the soil borings and monitoring wells were set forth in the Phase II Work Plan dated March 26, 2013 and approved by OER. For the testing, the locations were surveyed and mapped out by the borings contractor Soil Mechanics Drilling Corp.

Water Level Measurement

Groundwater elevations were recorded during the sample event. Depth-to-groundwater readings throughout the Site ranged from 23.58-to-24.92 feet bgs. Based upon the observed groundwater data, it was concluded that groundwater flow beneath the Site is likely to the west-northwest, toward the Hudson River, consistent with previous assumptions.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

Fifteen soil samples were collected for chemical analysis during this RI in accordance with the NYCOER-approved Work Plan. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Table 1. Figure 4 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below. The field geologist screened the soil samples for visual and olfactory evidence of contamination. Soils were also screened with a PID for the presence of VOCs.

A qualified environmental driller installed soil borings utilizing a truck-mounted drill rig. Soils were collected continuously to the terminal boring depth in split spoon samples in three-foot increments. Soil characteristics and lithology were recorded in field boring logs which are

included in Appendix A, as previously indicated.

The methods of decontamination between samples, sample preservation, chain of custody, QA/QC control sampling and analysis for soil samples are set forth below in the section labeled Quality Assurance/Quality Control (QA/QC). All soil samples were placed directly into laboratory-supplied glassware and were placed into coolers packed with ice and stored at a temperature of 4º Celsius pending transport for laboratory analysis. Soil samples were submitted with appropriate chain-of-custody to Alpha Analytical, Inc. (Alpha), of Mansfield, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) and National Environmental Laboratory Accreditation Program (NELAP)-certified laboratory.

Groundwater Sampling

Five groundwater samples were collected for chemical analysis during this RI. Groundwater sample collection data is reported in Table 2. Figure 5 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Groundwater samples were collected directly into laboratory-supplied glassware into an ice-packed cooler. The groundwater samples were submitted to Alpha, an ELAP and NELAP-certified laboratory with appropriate chain-of-custody for analysis.

The methods of decontamination between samples, sample preservation, chain of custody, QA/QC control sampling and analysis for groundwater samples are set forth below in the section labeled QA/QC.

Soil Vapor Sampling

Seven soil vapor probes were installed and seven soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 6. Soil vapor sample collection data is reported in Table 3. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

Based upon field observations, groundwater is at a depth of approximately 23.58 to 24.92 feet bgs. As such, the soil vapor implants were set at a depth of two feet below the base of the total proposed excavation (at approximately 15-feet bgs), which would be representative of a future sub-slab soil vapor conditions. As previously indicated, the majority of the site will be

excavated to a terminal depth of approximately 13-feet bgs.

The temporary soil vapor implants were installed utilizing factory new polyethylene tubing and stainless steel vapor screen points. The soil vapor screens were manually installed utilizing a soil vapor probe with slide hammer to the depth described above.

Soil vapor samples were collected in six liter summa canisters which were certified clean by the laboratory and analyzed by using USEPA Method TO-15. Summa canisters were utilized to collect soil vapor samples over a two-hour period at a flow rate of approximately 0.05 liters per minute, consistent with NYSDOH guidance. Both sampling and purging did not exceed a flow rate of 0.2 L/min. A sample log sheet was maintained summarizing sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples are collected, apparent moisture content of the sampling zone, and chain of custody protocols.

As part of the vapor intrusion evaluation, a tracer gas was used in accordance with NYSDOH protocols to serve as a quality QA/QC device to verify the integrity of the soil vapor probe seal. The area immediately above the sample point was sealed with bentonite clay and a canister; thus creating an annular space. Helium was introduced into the annular space as the tracer gas. Laboratory analysis also included helium in order to ensure no ambient air was entering the soil vapor samples.

The methods of decontamination between samples, sample preservation, chain of custody, QA/QC control sampling and analysis for soil vapor samples are set forth below in the section labeled QA/QC.

4.4 QUALITY ASSURANCE/QUALITY CONTROL

4.4 (a) Quality Assurance/Quality Control Procedures

For all of the soil, groundwater and soil vapor samples, the following QA/QC procedures were used to provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the sampling and analysis for this investigation. Field QA/QC procedures were used (1) to document that samples are representative of actual conditions at the Site and (2) identify possible cross-contamination from field activities or sample transit. Laboratory QA/QC procedures and analyses were used to demonstrate whether analytical results have been biased either by interfering compounds in the sample matrix, or by laboratory techniques that may have introduced systematic or random errors to the analytical process. A summary of the field and laboratory QA/QC procedures is provided below.

4.4 (b) Field QA/QC

Field QA/QC included the following procedures:

- Calibration of field equipment, including PID, on a daily basis.
- Use of dedicated and/or disposable field sampling equipment.
- Proper sample handling and preservation.
- Proper sample chain of custody documentation.
- Completion of report logs.

The above procedures were executed as follows:

- Disposable sampling equipment, including acetate sleeves, nitrile gloves, and disposable bailers (or sample tubing), were used to minimize cross-contamination between samples.
- For each of the parameters analyzed, a sufficient sample volume was collected to adhere to the specific analytical protocol, and provide sufficient sample for reanalysis if necessary.
- Because plasticizers and other organic compounds inherent in plastic containers may contaminate samples requiring organic analysis, samples were collected in glass containers, with the exception of the nitrate-preserved groundwater sample for metals analysis.
- Appropriate sample preservation techniques, including cold temperature storage at 4º C, were

utilized to ensure that the analytical parameters concentrations do not change between the time of sample collection and analysis.

- Samples were analyzed prior to the expiration of the respective holding time for each analytical parameter to ensure the integrity of the analytical results.

4.4 (c) Sample Custody

Sample handling in the field conformed to appropriate sample custody procedures. Field custody procedures include proper sample identification, chain-of-custody forms, and packaging and shipping procedures. Sample labels were attached to all sampling bottles before field activities begin to ensure proper sample identification. Each label identified the site and sample location. Styrofoam or bubble wrap were used to absorb shock and prevent breakage of sample containers. Ice or ice packs were placed in between the plastic bags for sample preservation purposes.

After each sample was collected and appropriately identified, the following information was entered into the chain-of-custody form:

- Site name and address.
- Sampler(s)' name(s) and signature(s).
- Names and signatures of persons involved in the chain of possession of samples.
- Sample number.
- Number of containers.
- Sample location.
- Date and time of collection.
- Type of sample, sample matrix and analyses requested.
- Preservation used (if any).
- Any pertinent field data collected (pH, temperature, conductivity, Dissolved Oxygen [DO]).

The sampler signed and dated the "Relinquished" blank space prior to removing one copy of the custody form and sealing the remaining copies of the form in a Ziploc plastic bag taped to the underside of the sample cooler lid. The sample cooler was sealed with tape prior to delivery or shipment to the laboratory.

4.4 (d) Report Logs

Field logs and borings logs were completed during the course of this investigation. A field log was completed on a daily basis which described all field activities including:

- Project number, name, manager, and address.
- The date and time.
- The weather conditions.
- On-site personnel and associated affiliations.
- Description of field activities.
- Pertinent sample collection information including sample identification numbers, description of samples, location of sampling points, number of samples taken, method of sample collection and any factors that may affect its quality, time of sample collection, name of collector, and field screening results.

A boring log was completed for each boring and included the following information:

- Project number, name, manager, and location.
- The date and time.
- Drilling company and method used.
- Boring number.
- Total boring depth and water table depths.
- Pertinent soil sample information including sample number, interval, depth, amount recovered, color, composition, percent moisture, visual and olfactory observations of contamination, and PID readings.

4.4 (e) Laboratory QA/QC

An ELAP-certified laboratory was used for all sample analyses. The laboratory followed the following QA/QC protocols. All samples were delivered to the laboratory within 24 hours of sample collection. Samples were received by laboratory personnel, who inspected the sample cooler(s) to check the integrity of the custody seals. The cooler(s) was then opened, the samples

unpackaged, and the information on the chain-of-custody form examined. If the shipped samples matched those described on the chain-of-custody form, the laboratory sample custodian signed and dated the form on the next "Received" blank and assumed responsibility for the samples. If problems were noted with the sample shipment, the laboratory custodian signed the form and recorded problems in the "Remarks" box. The custodian then immediately notified the Project Manager so appropriate follow-up steps can be implemented on a timely basis. No problems were recorded during this sampling and testing

A record of the information detailing the handling of a particular sample through each stage of analysis was maintained by the laboratory, including:

- Job reference, sample matrix, sample number, and date sampled.
- Date and time received by laboratory, holding conditions, and analytical parameters.
- Extraction date, time and extractor's initials (if applicable), analysis date, time, and analyst's initials.
- QA batch number, date reviewed, and reviewer's initials.

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance was directed by Bryan Murty.
Chemical Analytical Laboratory	Chemical analytical laboratory used in the RI is NYS ELAP certified and was Alpha.
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007);

	• Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters. • Helium fixed gas analysis.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 1, 2 and 3, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix B.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

VHB's subsurface investigation indicated the presence of C&D debris from zero to approximately 12-feet bgs throughout the Site in the area of the former bakery building(s), as shown on VHB's boring logs (see Appendix A). Below former building foundations, VHB observed red-to-brown silty sands with traces of gravel to the terminal depths of boring locations. Bedrock was not encountered during the VHB subsurface investigations.

Hydrogeology

As part of the sampling events, groundwater sampling was conducted. Groundwater at the Site ranged from 23.58-to-24.92 feet bgs. Based upon the confirmed depth-to-groundwater measurements, groundwater beneath the Site is expected to flow to the west-northwest toward the Hudson River.

5.2 Soil Chemistry

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 1. Figure 4 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

As indicated in the Work Plan, four (4) previous soil borings (SB-1 through SB-4) were installed at the subject property as part of a subsurface investigation that was previously provided. As such, the eight (8) soil borings conducted as part of this remedial investigation are denoted as Soil Borings SB-5 through SB-12, as indicated in the NYCOER-approved Work Plan. As previously indicated, soil borings were installed at locations just below the former basement foundations to just below terminal excavation depths. A summary of soil boring laboratory results is provided, below.

Soil Boring SB-5 (13'-15')

Soil Boring SB-5 was installed along the southernmost portions of the subject property within the locations of the former bakery building. As indicated on Table 1, several VOCs and SVOCs were detected within sample SB-5 (13'-16'). However, none of the VOCs or SVOCs was detected above their respective NYSDEC Part 375 RUSCOs or UUSCOs. No pesticides or PCBs were detected above their respective laboratory method detections limits (MDLs). With regards to metals, only one metal, sodium, was detected at a concentration that exceeded the NYSDEC Part 375 Track One UUSCO but did not exceed Track 2 Restricted Residential Use SCOs.

Soil Boring SB-5 (15'-17')

As indicated on Table 1, only two VOCs, benzene and naphthalene were detected. However, same were detected well below their respective NYSDEC Part 375 Track One UUSCOs. Furthermore, only three SVOCS, fluoranthene, phenanthrene and pyrene were detected. However, same were also detected well below their respective NYSDEC Part 375 Track One UUSCOs. No pesticides or PCBs were detected above their respective laboratory MDLs. With regards to metals, only one metal, sodium, was detected at a concentration that exceeded the NYSDEC Part 375 Track One UUSCO but did not exceed Track 2 Restricted Residential Use SCOs.

Soil Boring SB-6 (13'-15')

Soil Boring SB-6 was installed along the southeastern most portions of the subject property within the locations of the former bakery building. As indicated on Table 1, only one VOC, naphthalene was detected at an estimated concentration of 0.58 micrograms per kilogram (ug/kg), which is well below its respective NYSDEC Part 375 UUSCO. No SVOCs, pesticides or PCBs were detected above their respective laboratory MDLs. With regards to metals, only one metal, sodium, was detected at a concentration that exceeded the NYSDEC Part 375 Track One UUSCO but did not exceed Track 2 Restricted Residential Use SCOs.

Soil Boring SB-6 (15'-17')

As indicated on Table 1, only two VOCs, 1,4-diethylbenzene and naphthalene were detected at estimated concentrations of 0.27 and 0.31 ug/kg, well below any applicable standards. No SVOCs, pesticides or PCBs were detected above laboratory MDLs. With regards to metals, only one metal, sodium, was detected at a concentration that exceeded the NYSDEC Part 375 Track One UUSCO but did not exceed Track 2 Restricted Residential Use SCOs.

Soil Boring SB-7 (9'-11')

Soil Boring SB-7 was installed along the eastern-central portions of the subject property, within the location of the former bakery building. As indicated on Table 1, no VOCs were detected at concentrations that exceeded their respective NYSDEC Part 375 Track One UUSCOs. In addition, no SVOCs, pesticides or PCBs were detected above laboratory MDLs. Several metals, including aluminum, chromium, sodium, nickel and vanadium were detected at levels that exceed their respective NYSDEC Part 375 Track One UUSCOs, but were below any applicable Track Two RUSCO.

Soil Boring SB-7 (13'-15')

As indicated on Table 1, only one VOC, naphthalene was detected at an estimated concentration of 0.85 ug/kg, well below its respective NYSDEC Part 375 Track One UUSCO. Several SVOCs were detected in SB-7 (13'-15'). However, none of the SVOCs were detected at concentrations that exceed their respective NYSDEC Part 375 Track One UUSCOs. No pesticides or PCBs were detected above laboratory MDLs. With respect to metals, aluminum, chromium, iron and vanadium were detected at concentrations that exceed their applicable NYSDEC Part 375 Track One UUSCO, but were below any applicable Track Two RUSCO.

Soil Boring SB-8 (11'-13')

Soil Boring SB-8 was installed along the southwestern-central portions of the subject property, within the location of the former bakery building. As indicated on Table 1, only one VOC, naphthalene was detected at an estimated concentration of 0.23 ug/kg, well below it's

respective NYSDEC Part 375 Track One UUSCO. In addition, no SVOCs or PCBs were detected above laboratory MDLs. Several pesticides were detected. However, only 4'4'-DDE and 4'4-DDT were detected at concentrations that exceeded their respective NYSDEC Part 375 Track One UUSCOs, but were well below their respective Track Two RUSCOs. With regard to metals, only iron was detected at a concentration above the NYSDEC Part 375 Track One UUSCO but did not exceed Track 2 Restricted Residential Use SCOs.

Soil Boring SB-8 (13'-15')

As indicated on Table 1, only two VOCs, acetone and naphthalene were detected in SB-8 (13'-15'). However, these estimated concentrations were well below their respective NYSDEC Part 375 Track One UUSCOs. Several pesticides were detected. However, only 4'4'-DDE and 4'4-DDT were detected at concentrations that exceeded their respective NYSDEC Part 375 Track One UUSCOs, but were well below their respective Track Two RUSCOs. No PCBs were detected above laboratory MDLs. With regard to metals, only sodium was detected at a concentration above the NYSDEC Part 375 Track One UUSCO but did not exceed Track 2 Restricted Residential Use SCOs.

Soil Boring SB-9 (9'-11')

Soil Boring SB-9 was installed along the northeastern portions of the subject property. As indicated on Table 1, several VOCs were detected in SB-9 (9'-11'). However, none of the VOCs were detected at concentrations that exceed their respective NYSDEC Part 375 Track One UUSCOs. No SVOCs, pesticides or PCBs were detected above laboratory MDLs. With regards to metals, only iron and sodium were detected at concentrations above the NYSDEC Part 375 Track One UUSCO but did not exceed Track 2 Restricted Residential Use SCOs.

Soil Boring SB-9 (13'-15')

As indicated on Table 1, several VOCs were detected in SB-9 (13'-15'). However, none of the VOCs were detected at concentrations that exceed their respective NYSDEC Part 375 Track One UUSCOs. No SVOCs, pesticides or PCBs were detected above laboratory MDLs. With

regard to metals, only iron was detected at a concentration above the NYSDEC Part 375 Track One UUSCO but did not exceed Track 2 Restricted Residential Use SCOs.

Soil Boring SB-10 (12'-14')

Soil Boring SB-10 was installed along the northwestern portions of the subject property, within the location of the existing vacant parcel. As indicated on Table 1, no VOCs, SVOCs, pesticides and PCBs were detected above laboratory MDLs. With respect to metals, only iron and sodium were detected at concentrations that exceed their respective NYSDEC Part 375 Track One UUSCOs but did not exceed Track 2 Restricted Residential Use SCOs.

Soil Boring SB-11 (11'-13')

Soil Boring SB-11 was installed along the northwestern portions of the subject property. As indicated on Table 1, several VOCs were detected in SB-11 (11'-13'). However, none of the VOCs were detected at concentrations that exceed their respective NYSDEC Part 375 Track One UUSCOs. No SVOCs, pesticides or PCBs were detected above laboratory MDLs. With regards to metals, only iron was detected at a concentration above the NYSDEC Part 375 Track One UUSCO but did not exceed Track 2 Restricted Residential Use SCOs.

Soil Boring SB-11 (13'-15')

As indicated on Table 1, several VOCs were detected in SB-11 (13'-15'). However, none of the VOCs were detected at concentrations that exceed their respective NYSDEC Part 375 Track One UUSCOs. Several SVOCs were detected in SB-11 (13'-15'). However, none of the SVOCs were detected at concentrations that exceed their respective NYSDEC Part 375 Track One UUSCOs. No pesticides or PCBs were detected above laboratory MDLs. With regards to metals, only iron was detected at a concentration above the NYSDEC Part 375 Track One UUSCO but did not exceed Track 2 Restricted Residential Use SCOs.

Soil Boring SB-12 (11'-13')

Soil Boring SB-12 was installed on the central portions of the Site, within the location of the former bakery building. As indicated on Table 1, several VOCs were detected in SB-12 (11'-13'). However, none of the VOCs were detected at concentrations that exceed their respective NYSDEC Part 375 Track One UUSCOs. Only one SVOC, phenanthrene, was detected at a concentration well below its respective NYSDEC Part 375 Track One UUSCO. No additional SVOCs, pesticides or PCBs were detected above laboratory MDLs. With regards to metals, only iron was detected at a concentration above the NYSDEC Part 375 Track One UUSCO but did not exceed Track 2 Restricted Residential Use SCOs.

Soil Boring SB-12 (13'-15')

As indicated on Table 1, several VOCs were detected in SB-12 (13'-15'). However, none of the VOCs were detected at concentrations that exceed their respective NYSDEC Part 375 Track One UUSCOs. No SVOCs or PCBs were detected above laboratory MDLs. Only one pesticide, heptachlor, was detected at a concentration of 0.408 ug/kg, which is well below its respective NYSDEC Part 375 Track One UUSCO. With regards to metals, only iron was detected at a concentration above the NYSDEC Part 375 Track One UUSCO but did not exceed Track 2 Restricted Residential Use SCOs.

5.3 Groundwater Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Table 2. Exceedances of applicable groundwater standards are shown.

As previously indicated, five groundwater samples were collected as part of the subsurface investigation at the Site. Sample GW-1 was collected from an existing monitoring well that was previously installed during a previous site investigation conducted by VHB. Remaining groundwater samples (GW-2 through GW-5) consisted of grab samples collected within soil boring locations.

Sample GW-1

As previously indicated, sample GW-1 was collected from an existing monitoring well installed as part of a previous subsurface investigation conducted by VHB. The monitoring well is located on the north-northwestern portions of the Site within the existing vacant parcel. As indicated in Table 2, several VOCs were detected in sample GW-1. Two of the VOCs, 1,2-dichloroethene and trichloroethene (TCE) were detected at concentrations above their respective NYSDEC AWQSGVs. No SVOCs were detected above applicable standards. Furthermore, no pesticides or PCBs were detected above laboratory MDLs. Several metals were identified in GW-1. However, only manganese and sodium were identified above NYSDEC AWQSGVs in dissolved phase.

Sample GW-2

Sample GW-2 was collected within the location of soil boring SB-5, along the southern portions of the Site. As indicated on Table 2, several VOCs, including cis-1,2-dithloroethene, 1,2-dichloroethene, tetrachloroethene (PCE) and TCE were detected at concentrations that exceed NYSDEC AWQSGVs. Furthermore, two SVOCs, benzo(a)anthracene and chrysene were detected at concentrations that exceed their respective NYSDEC AWQSGVs. Similarly to GW-1, two metals, manganese and sodium were identified above NYSDEC AWQSGVs in dissolved phase.

Sample GW-3

Sample GW-3 was collected within the location of soil boring SB-7. As indicated in Table 2, no VOCs were detected at concentrations that exceeded applicable NYSDEC AWQSGVs. Similarly to GW-2, only two SVOCs, benzo(a)anthracene and chrysene were detected at concentrations that exceed their respective NYSDEC AWQSGVs. No pesticides or PCBs were detected above laboratory MDLs. Similarly to GW-1 and GW-2, two metals, manganese and sodium were identified above NYSDEC AWQSGVs in dissolved phase.

Sample GW-4

Sample GW-4 was collected within the location of SB-12. As indicated in Table 2, no VOCs were detected at concentrations that exceeded applicable NYSDEC AWQSGVs. Similarly to GW-2 and GW-3, only two SVOCs, benzo(a)anthracene and chrysene were detected at concentrations that exceed their respective NYSDEC AWQSGVs. No pesticides or PCBs were detected above laboratory MDLs. Similarly to GW-1, GW-2 and GW-3, two metals, manganese and sodium were identified above NYSDEC AWQSGVs in dissolved phase.

Sample GW-5

Sample GW-5 was collected within the location of SB-11. As indicated in Table 2, no VOCs or SVOCs were detected at concentrations that exceeded applicable NYSDEC AWQSGVs. Furthermore, no pesticides or PCBs were detected above laboratory MDLs. Several metals, including iron, magnesium, manganese and sodium were identified above NYSDEC AWQSGVs in dissolved phase.

Figure 5 and Table 2 show the location and poss the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Soil Vapor Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 3.

As previously indicated, seven soil vapor samples were collected and analyzed for VOCs using USEPA Method TO-15. The soil vapor implants were set at a depth of two feet below the base of the total proposed excavation (at approximately 15-feet bgs), which would be representative of a future sub-slab soil vapor conditions. As previously indicated, the majority of the site will be excavated to a terminal depth of approximately 13-feet bgs.

Helium was also analyzed as a tracer gas for a QA/QC measure in order to ensure that no ambient air was drawn into the sample. No helium was detected in soil vapor samples. As such, the soil vapor data is considered to be indicative of future sub-slab conditions.

As indicated in Table 3, seven soil vapor results collected during the RI were compared to the compounds listed in Vapor Intrusion Matrices in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion, dated October 2006. Soil vapor results show petroleum related and associated derivatives at trace concentrations. The maximum concentrations of BTEX compounds were at 71$\mu g/m^3$. Most compounds were detected at concentrations less than 20 $\mu g/m^3$ except for acetone (max. of 447 $\mu g/m^3$), carbon disulfide (max. of 101$\mu g/m^3$), and iso-propyl alcohol (max. of 204 $\mu g/m^3$). Chlorinated VOCs, PCE was detected in one of seven samples at 4.3 $\mu g/m^3$. TCA, TCE and carbon tetrachloride were not detected in soil vapor samples. Concentrations of PCE are below the NYSDOH matrix for monitoring.

Figure 6 and Table 3 show the location and post the values for soil vapor samples with detected concentrations.

5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 Impediments to Remedial Action

There are no known impediments to remedial action at this property.

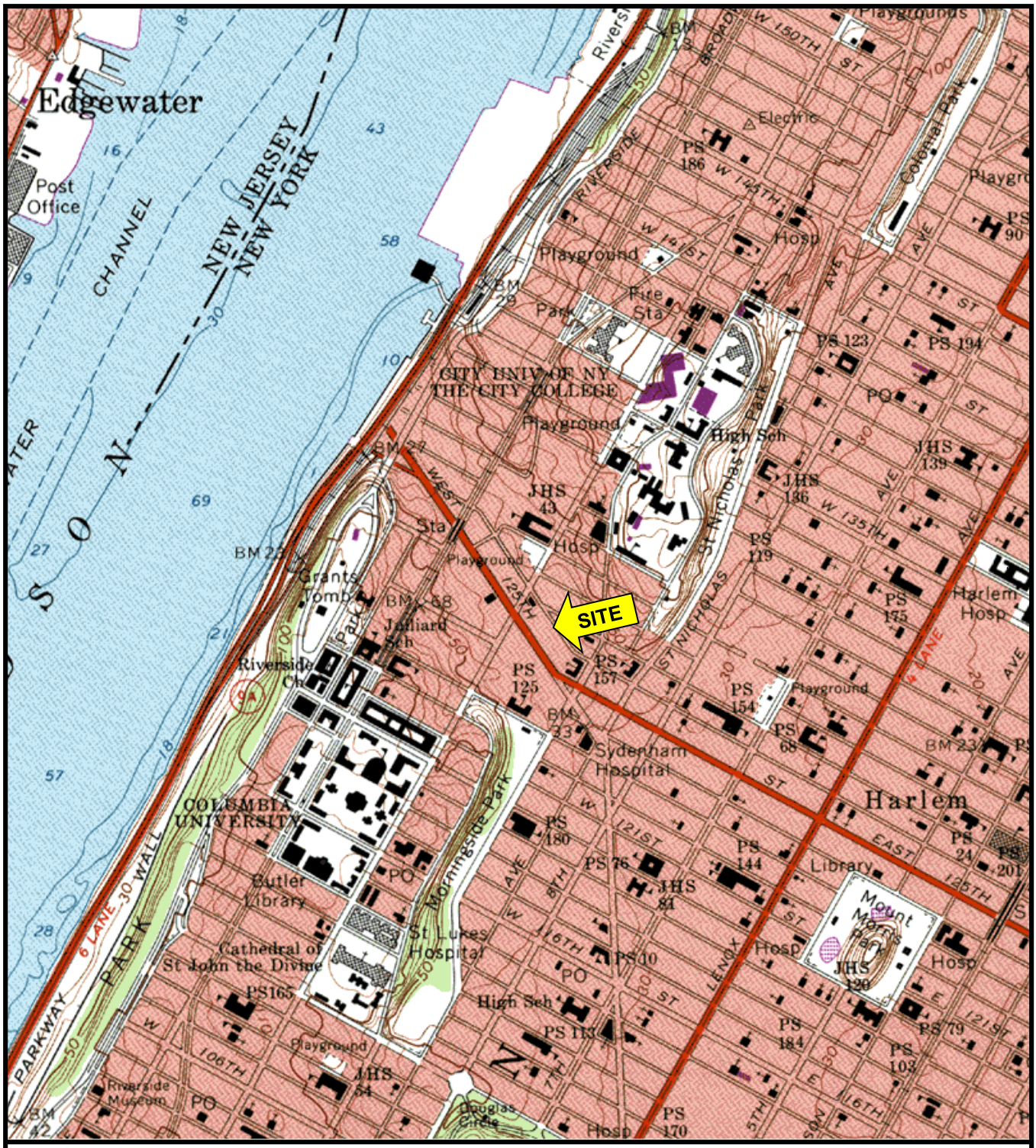

FIGURE 1 – SITE LOCATION MAP

SITE NAME: Taystee Bakery Redevelopment
STREET ADDRESS: 426-458 West 126th Street & 461 West 125th Street
CITY, STATE, ZIP: New York, New York 10027
PROJECT NUMBER: 28581.00
SCALE: As Shown

N

FIGURE 2 – SITE AERIAL PHOTOGRAPH

SITE NAME: Taystee Bakery Redevelopment
STREET ADDRESS: 426-458 West 126th Street & 461 West 125th Street
CITY, STATE, ZIP: New York, New York 10027
PROJECT NUMBER: 28581.00
SCALE: As Shown

N

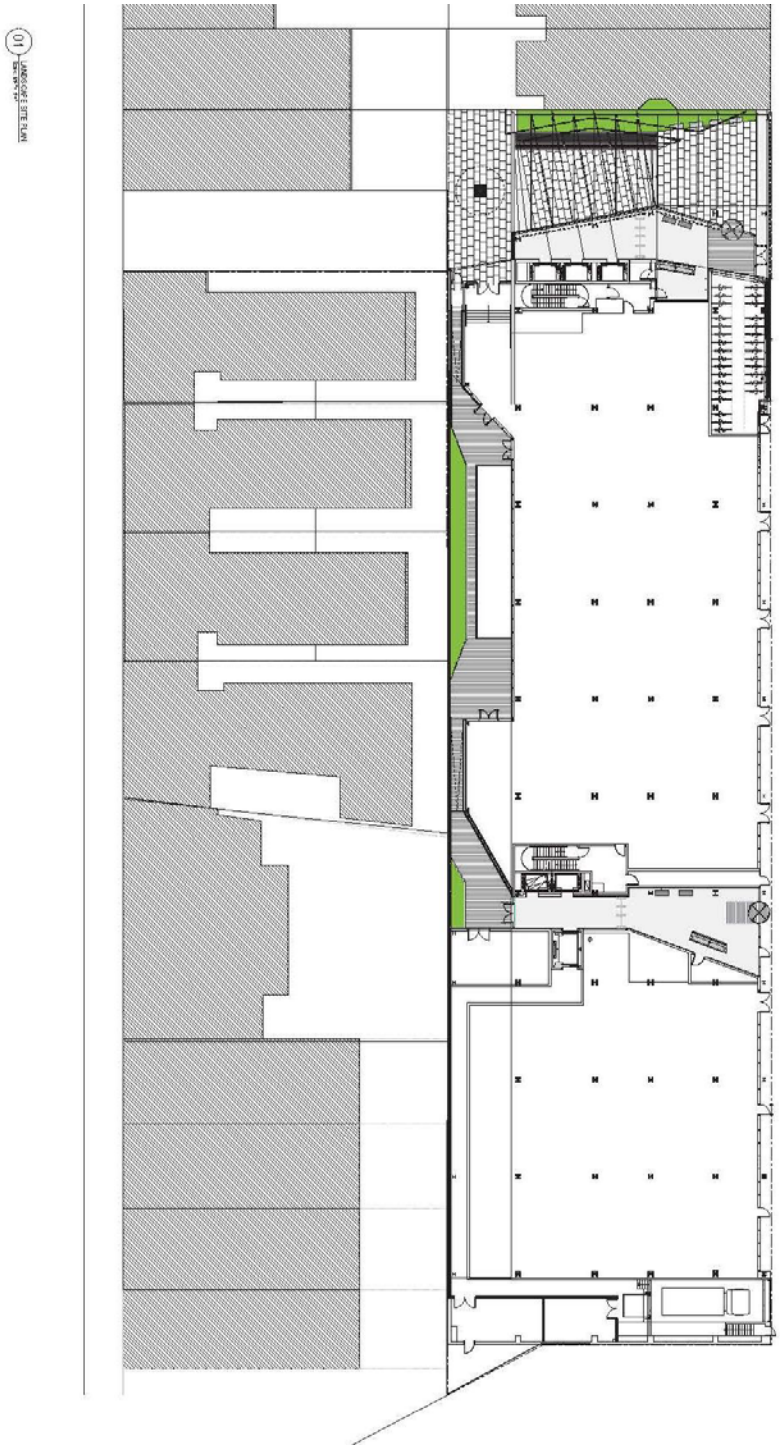

FIGURE 3 – SITE REDEVELOPMENT PLAN

SITE NAME: Taystee Bakery Redevelopment
STREET ADDRESS: 426-458 West 126th Street & 461 West 125th Street
CITY, STATE, ZIP: New York, New York 10027
PROJECT NUMBER: 28581.00
SCALE: Not Shown

N

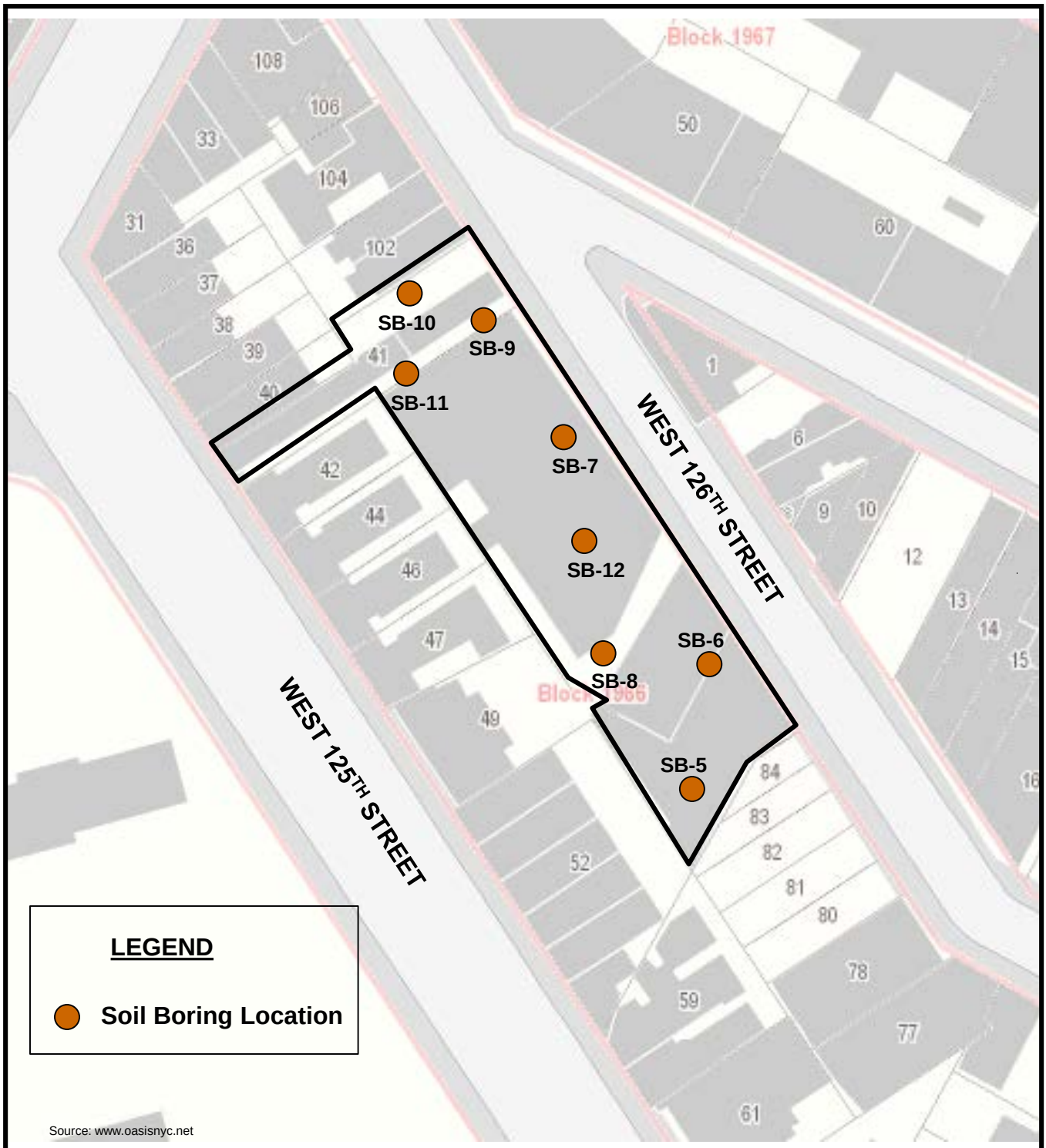

FIGURE 4 – SOIL BORING LOCATIONS

SITE NAME: Taystee Bakery Redevelopment
STREET ADDRESS: 426-458 West 126th Street & 461 West 125th Street
CITY, STATE, ZIP: New York, New York 10027
PROJECT NUMBER: 28581.00
SCALE: Not Shown

N

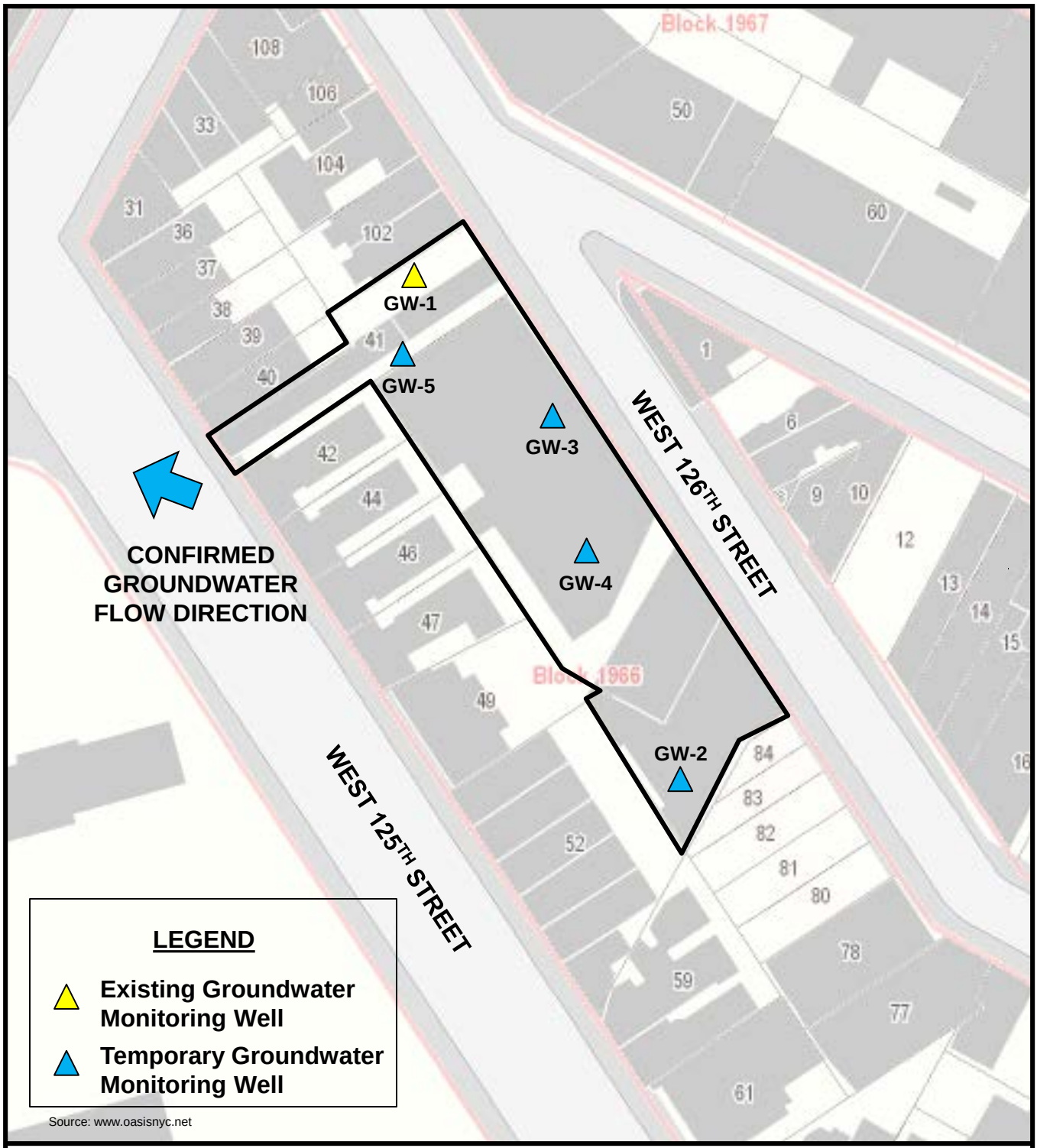

FIGURE 5 –GROUNDWATER SAMPLE LOCATIONS

SITE NAME: Taystee Bakery Redevelopment
STREET ADDRESS: 426-458 West 126th Street & 461 West 125th Street
CITY, STATE, ZIP: New York, New York 10027
PROJECT NUMBER: 28581.00
SCALE: Not Shown

N

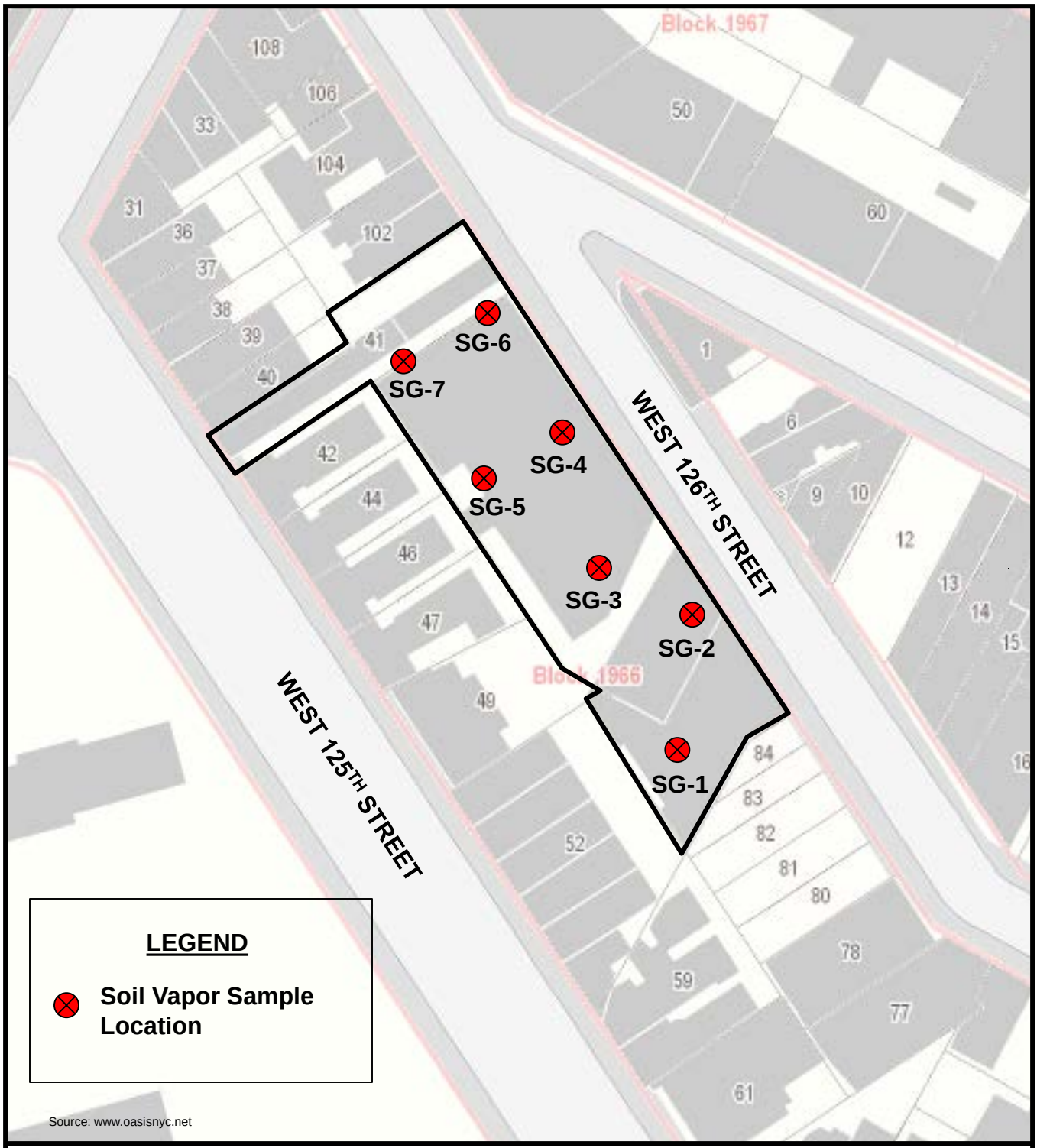

FIGURE 6 –SOIL VAPOR SAMPLE LOCATIONS

SITE NAME: Taystee Bakery Redevelopment
STREET ADDRESS: 426-458 West 126th Street & 461 West 125th Street
CITY, STATE, ZIP: New York, New York 10027
PROJECT NUMBER: 28581.00
SCALE: Not Shown

N

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
426-458 W 126th STREET
NEW YORK, NY 10027

Compounds	Regulatory Criteria		Sample Location														
TCL VOCs (ug/kg)	**NYSDEC Part 375 RUSCO**	**NYSDEC Part 375 UUSCO**	**VHB SB-5 (13-15')**	**VHB SB-5 (15-17')**	**VHB SB-6 (13-15')**	**VHB SB-6 (15-17')**	**VHB SB-7 (9-11')**	**VHB SB-7 (13-15')**	**VHB SB-8 (11-13')**	**VHB SB-8 (13-15')**	**VHB SB-9 (9-11')**	**VHB SB-9 (13-15')**	**VHB SB-10 (12-14')**	**VHB SB-11 (11-13')**	**VHB SB-11 (13'-15')**	**VHB SB-12 (11-13')**	**VHB SB-12 (13-15')**
1,2,4-Trimethylbenzene	47,000	3,600	0.41 J	ND	ND	ND	ND	ND	ND	ND	0.25 J	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	NA	NA	0.31 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	9,800	1,800	ND	ND	ND	ND	ND	ND	ND	ND	0.28 J	ND	ND	ND	ND	ND	ND
1,4-Diethylbenzene	NA	NA	0.27 J	ND	ND	0.27 J	ND	ND	ND	ND	0.28 J	ND	ND	ND	ND	ND	ND
2-Butanone (Methyl Ethyl Ketone)	100,000	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2 J
4-Ethyltoluene	NA	NA	0.23 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	100,000	50	ND	ND	ND	ND	7.3 J	ND	ND	3.0 J	ND	5.2 J	ND	9.1 J	5.5 J	ND	ND
Benzene	2,900	60	ND	0.20 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.35 J	ND	0.26 J
1,4-Dioxane	9,800	100	ND**	ND	ND	ND	ND**	ND**	ND	ND	ND**	ND**	ND**	ND	ND	ND**	ND**
p- & m- xylenes	NA	NA	0.22 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5,500	1,300	0.32 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	100,000	260	0.22 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	NA	270*	ND	ND	ND	ND	5.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	51,000	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Napthalene	100,000	12,000	5.2 J	3.4 J	0.58 J	0.31 J	ND	0.85 J	0.23 J	5.2	0.26 J	0.39 J	ND	1.2 J	1.2 J	3.9 J	1.4 J
Toluene	100,000	700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28 J	ND	ND
TCL SVOCs (ug/kg)	**NYSDEC Part 375 RUSCO**	**NYSDEC Part 375 UUSCO**	**VHB SB-5 (13-15')**	**VHB SB-5 (15-17')**	**VHB SB-6 (13-15')**	**VHB SB-6 (15-17')**	**VHB SB-7 (9-11')**	**VHB SB-7 (13-15')**	**VHB SB-8 (11-13')**	**VHB SB-8 (13-15')**	**VHB SB-9 (9-11')**	**VHB SB-9 (13-15')**	**VHB SB-10 (12-14')**	**VHB SB-11 (11-13')**	**VHB SB-11 (13'-15')**	**VHB SB-12 (11-13')**	**VHB SB-12 (13-15')**
Anthracene	100,000	100,000	61 J	ND	ND	ND	ND	35 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1,000	1,000	100 J	ND	ND	ND	ND	71 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	1,000	1,000	72 J	ND	ND	ND	ND	52 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1,000	1,000	100 J	ND	ND	ND	ND	79 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	100,000	100,000	39 J	ND	ND	ND	ND	35 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	1,000	800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphtalate	NA	NA	ND	ND	ND	ND	ND	100 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	1,000	1,000	97 J	ND	ND	ND	ND	76 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	100,000	240	47 J	ND	ND	ND	170	ND	54 J	ND	ND	ND	ND	36 J	ND	ND
Fluorene	100,000	30,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100,000	100,000	290	64 J	ND	ND	ND	160	ND	55 J	ND	ND	ND	ND	41 J	43 J	ND
Indeno(1,2,3-cd)Pyrene	500	500	47 J	ND	ND	ND	ND	38 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	100,000	100,000	190	38 J	ND	ND	ND	140	ND	43 J	ND	ND	ND	ND	ND	ND	ND

Notes:
TCL VOCs -Target Compound List for volatile organic compounds.
TCL SVOCs - Target Compound List for semi-volatile organic compounds.
TAL Metals - Target Analyte List for metals.
PCBs - Polychlorinated Biphenyls
NYSDEC Part 375 UUSCO - New York State Department of Environmental Conservation Unrestricted Use Soil Clean-up Objectives, as outlined in Table 375-6.8(a), December 14, 2006.
NYSDEC Part 375 RUSCO - New York State Department of Environmental Conservation Restricted Use Soil Clean-up Objectives, as outlined in Table 375-6.8(b), December 14, 2006.
ug/kg - micrograms per kilogram (parts per billion).
mg/kg- milligrams per kilogram (parts per million).
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
J - estimated concentration.
NA - Not analyzed/Not available
ND - Analyte was not detected above method detection limits.
*Analyte not listed in NYSDEC Part 375 UUSCO. NYSDEC Commisioner Policy (CP)-51 Soil Cleanup Guidance, October 21, 2010 used.
** Although compound is listed as ND, the Method Detection Limit (MDL) exceeds its respective NYSDEC Part 375 UUSCO.
Bolded and peach highlighted values indicate that analyte was detected at a concentration that exceeded its respective NYSDEC Part 375 UUSCO.
Bolded and yellow highlighted values indicate that analyte was detected at a concentration the exceeded its respective NYSDEC PART 375 RUSCO.

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
426-458 W 126th STREET
NEW YORK, NY 10027

Compounds	Regulatory Criteria		Sample Location														
Pesticides (ug/kg)	**NYSDEC Part 375 RUSCO**	**NYSDEC Part 375 UUSCO**	**VHB SB-5 (13-15')**	**VHB SB-5 (15-17')**	**VHB SB-6 (13-15')**	**VHB SB-6 (15-17')**	**VHB SB-7 (9-11')**	**VHB SB-7 (13-15')**	**VHB SB-8 (11-13')**	**VHB SB-8 (13-15')**	**VHB SB-9 (9-11')**	**VHB SB-9 (13-15')**	**VHB SB-10 (12-14')**	**VHB SB-11 (11-13')**	**VHB SB-11 (13'-15')**	**VHB SB-12 (11-13')**	**VHB SB-12 (13-15')**
4,4'-DDD	2,600	3.3	ND	ND	ND	ND	ND	ND	0.929 J	1.62 J	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	1,800	3.3	ND	ND	ND	ND	ND	ND	**10.4**	**12.5**	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	1,700	3.3	ND	ND	ND	ND	ND	ND	**10.2**	**22.1**	ND	ND	ND	ND	ND	ND	ND
Chlordane	910	94	ND	ND	ND	9.28 J	ND	ND	20.4	ND	ND	ND	ND	ND	ND	ND	ND
cis-Chlordane	NA	NA	ND	ND	ND	1.20 J	ND	ND	1.19 J	ND	ND	ND	ND	ND	ND	ND	ND
trans- Chlordane	NA	540*	ND	ND	ND	1.18 J	ND	ND	3.39	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	420	42	ND	ND	ND	0.684 J	ND	ND	1.21	ND	ND	ND	ND	ND	ND	ND	0.409 J
Methoxychlor	NA	100,000*	ND	ND	ND	ND	ND	ND	13.4	13.5	ND	ND	ND	ND	ND	ND	ND
PCBs (mg/kg)	**NYSDEC Part 375 RUSCO**	**NYSDEC Part 375 UUSCO**	**VHB SB-5 (13-15')**	**VHB SB-5 (15-17')**	**VHB SB-6 (13-15')**	**VHB SB-6 (15-17')**	**VHB SB-7 (9-11')**	**VHB SB-7 (13-15')**	**VHB SB-8 (11-13')**	**VHB SB-8 (13-15')**	**VHB SB-9 (9-11')**	**VHB SB-9 (13-15')**	**VHB SB-10 (12-14')**	**VHB SB-11 (11-13')**	**VHB SB-11 (13'-15')**	**VHB SB-12 (11-13')**	**VHB SB-12 (13-15')**
PCBs, Total	1,000	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TAL Metals (mg/kg)	**NYSDEC Part 375 RUSCO**	**NYSDEC Part 375 UUSCO**	**VHB SB-5 (13-15')**	**VHB SB-5 (15-17')**	**VHB SB-6 (13-15')**	**VHB SB-6 (15-17')**	**VHB SB-7 (9-11')**	**VHB SB-7 (13-15')**	**VHB SB-8 (11-13')**	**VHB SB-8 (13-15')**	**VHB SB-9 (9-11')**	**VHB SB-9 (13-15')**	**VHB SB-10 (12-14')**	**VHB SB-11 (11-13')**	**VHB SB-11 (13'-15')**	**VHB SB-12 (11-13')**	**VHB SB-12 (13-15')**
Aluminum	NA	10,000*	7,400	7,000	5,400	5,200	**15,000**	**13,000**	9,400	5,100	4,800	3,400	12,000	4,600	4,200	9,400	5,100
Arsenic	16	13	6.0	3.7	4.2	3.9	8.6	6.8	5.1	3.4	3.1	2.2	2.7	4.3	3.9	6.4	4.6
Barium	350	350	38	25	50	45	120	120	53	30	16	12	76	41	41	74	53
Beryllium	14	7.2	0.30 J	0.25 J	0.29 J	0.29 J	0.18 J	.18 J	0.47	0.25 J	0.19 J	0.15 J	0.38 J	.35 J	.28 J	0.47	0.34 J
Calcium	NA	10,000*	720	1,100	1,800	1,400	9,200	5,000	1,400	790	650	870	1,600	1,300	2,200	950	1,600
Chromium	36	30	11	14	14	18	**34**	**34**	14	10	21	7.7	26	15	19	13	16
Cobalt	NA	20*	5.0	5.5	5.4	5.3	13	7.1	4.9	3.6	2.9	2.5	9.0	5.2	4.6	4.6	6.6
Copper	270	50	14	16	17	21	46	32	9.4	16	13	8.4	41	19	20	10	27
Iron	NA	2,000*	**12,000**	**10,000**	**9,900**	**9,800**	**26,000**	**21,000**	**12,000**	**7,900**	**7,500**	**5,400**	**18,000**	**10,000**	**9,100**	**13,000**	**11,000**
Lead	400	63	19	1.2 J	2.7 J	1.6 J	1.8 J	2.3 J	13	3.3 J	2.2 J	1.2 J	17	0.89 J	0.60 J	70	2.1 J
Magnesium	NA	NA	2,300	2,800	2,600	2,800	9,900	9,000	20,00	1,700	1,700	1,600	2,800	3,300	2,200	2,100	2,800
Manganese	2,000	1,600	300	250	270	320	250	270	320	330	150	160	220	260	240	270	580
Mercury	0.81	0.18	0.17	ND	ND	ND	.03 J	0.03 J	0.10	0.03 J	ND	ND	0.09	ND	ND	0.04 J	0.02 J
Nickel	140	30	13	14	13	15	**31**	16	10	9.8	8.8	7.3	20	12	16	11	15
Potassium	NA	NA	440	860	1,200	820	9,300	7,600	620	550	340	310	930	670	650	940	790
Selenium	36	3.9	ND	ND	ND	ND	0.36 J	0.35 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	36	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	NA	NA	57 J	210	180	190	350	270	260	170	81 J	61 J	260	240	270	220	240
Vanadium	NA	39*	12	14	16	16	**45**	**49**	15	12	15	8.2	**42**	14	15	16	20
Zinc	2,200	109	32	18	15	16	72	52	32	11	10	18	59	18	13	58	16

Notes:
TCL VOCs -Target Compound List for volatile organic compounds.
TCL SVOCs - Target Compound List for semi-volatile organic compounds.
TAL Metals - Target Analyte List for metals.
PCBs - Polychlorinated Biphenyls
NYSDEC Part 375 UUSCO - New York State Department of Environmental Conservation Unrestricted Use Soil Clean-up Objectives, as outlined in Table 375-6.8(a), December 14, 2006.
NYSDEC Part 375 RUSCO - New York State Department of Environmental Conservation Restricted Use Soil Clean-up Objectives, as outlined in Table 375-6.8(b), December 14, 2006.
ug/kg - micrograms per kilogram (parts per billion).
mg/kg- milligrams per kilogram (parts per million).
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
J - estimated concentration.
NA - Not analyzed/Not available
ND - Analyte was not detected above method detection limits.
*Analyte not listed in NYSDEC Part 375 UUSCO. NYSDEC Commisioner Policy (CP)-51 Soil Cleanup Guidance, October 21, 2010 used.
** Although compound is listed as ND, the Method Detection Limit (MDL) exceeds its respective NYSDEC Part 375 UUSCO.
Bolded and peach highlighted values indicate that analyte was detected at a concentration that exceeded its respective NYSDEC Part 375 UUSCO.
Bolded and yellow highlighted values indicate that analyte was detected at a concentration the exceeded its respective NYSDEC PART 375 RUSCO.

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA
426-458 W 126th STREET
NEW YORK, NEW YORK 10027

Compounds	Regulatory Criteria	Sample Locations		Sample Locations		Sample Locations		Sample Locations		Sample Locations	
TCL VOCs (ug/L)	**NYSDEC TOGS AWQSGV**	**VHB GW-1**		**VHB GW-2**		**VHB GW-3**		**VHB GW-4**		**VHB GW-5**	
trans-1,2- Dichloroethene	5	3.5		1.3 J		ND		ND		ND	
cis-1,2- Dichloroethene	5	4.3		**40**		3.2		0.89 J		1.0 J	
1,2- Dichloroethene, Total	NA	**7.8**		**41**		3.2		0.89 J		1.0 J	
Benzene	1	ND		ND		ND		ND		0.20 J	
Napthalene	10	2.1 J		7.5		7.9		ND		ND	
Tetrachloroethene	5	ND		**33**		3.9		1.9		2.2	
Trichloroethene	5	**16**		**45**		4.9		ND		1.9	
sec-Butylbenzene	5	1.4 J		ND		ND		ND		ND	
p/m Xylenes	5	ND		0.80 J		ND		ND		ND	
Xylenes, Total	NA	ND		0.80 J		ND		ND		ND	
Acetone	50	3.6 J		5.3		ND		ND		ND	
TCL SVOCs (ug/L)	**NYSDEC TOGS AWQSGV**	**VHB GW-1**		**VHB GW-2**		**VHB GW-3**		**VHB GW-4**		**VHB GW-5**	
2-Methylnaphthalene	NA	ND		1.8		2.7		0.57		ND	
Acenaphthene	20	ND		1.3		3.6		0.83		ND	
Acenaphthylene	NA	ND		0.11 J		ND		0.08 J		ND	
Anthracene	50	ND		0.57		1.4		0.74		ND	
Benzoic Acid	NA	ND		1.5 J		1.0 J		ND		ND	
Benzo(a)anthracene	0.002	ND		**0.06 J**		**0.11 J**		**0.07 J**		ND	
Biphenyl	5	ND		0.33 J		0.57 J		ND		ND	
Chrysene	0.002	ND		**0.07 J**		**0.09 J**		**0.05 J**		ND	
Di-n-butylphthalate	50	ND		1.0 J		1.0 J		ND		ND	
Diethyl phthalate	50	9.2		ND		ND		ND		ND	
Pyrene	50	0.31 J		0.59		1.3		0.73		ND	
Carbazole	NA	ND		1.7 J		4.9		ND		ND	
Dibenzofuran	NA	ND		1.2 J		2.8		ND		ND	
Fluoranthene	50	ND		0.92		2.0		1.2		0.04 J	
Fluorene	50	0.48 J		1.9		3.8		1.4		ND	
Naphthalene	10	ND		5.5		7.8		1.1		0.12 J	
Phenanthrene	50	ND		4.7		11		4.9		0.10 J	
Pesticides/Herbicides (ug/L)	**NYSDEC TOGS AWQSGV**	**VHB GW-1**		**VHB GW-2**		**VHB GW-3**		**VHB GW-4**		**VHB GW-5**	
All Analytes	NA	ND		ND		ND		ND		ND	
PCBs (ug/L)	**NYSDEC TOGS AWQSGV**	**VHB GW-1**		**VHB GW-2**		**VHB GW-3**		**VHB GW-4**		**VHB GW-5**	
All analytes	0.09	ND		ND		ND		ND		ND	
TAL Metals (mg/L)	**NYSDEC TOGS AWQSGV**	**VHB GW-1**		**VHB GW-2**		**VHB GW-3**		**VHB GW-4**		**VHB GW-5**	
		Total	**Dissolved**	**Total**	**Dissolved**	**Total**	**Dissolved**	**Total**	**Dissolved**	**Total**	**Dissolved**
Aluminum	NA	1.32	0.054	38.4	0.013	124	0.0009	159	0.00498 J	149	0.259
Antimony	0.003	0.00138 J	0.0009 J	0.00110 J	0.0004	0.00114 J	0.0003	0.0003 J	0.00148 J	0.0004 J	0.00122 J
Arsenic	0.025	0.00117	0.0002 J	0.00842	ND	0.01253	ND	ND	0.00022 J	ND	0.00078
Barium	1	0.1365	0.0645	0.7822	0.1542	**1.746**	0.0777	**4.057**	0.03304	**1.736**	0.04248
Beryllium	0.003	0.00032 J	ND	**0.00911**	ND	**0.02139**	ND	**0.0268**	ND	**0.0397**	ND
Cadmium	0.005	0.00016 J	ND	**0.00591**	0.0007	**0.0394**	0.0005	**0.0086**	0.00027	**0.0158**	0.00079
Calcium	NA	104	49	116	93.4	326	103	146	107	368	249
Chromium	0.050	0.00840	0.0006 J	**0.1048**	0.0007	**0.2843**	0.0006	**0.2444**	0.00050 J	**0.3047**	0.00119
Cobalt	NA	0.00289	0.0010	0.06334	0.0066	0.1243	0.0017	0.3064	0.00446	0.9080	0.02964
Copper	0.200	0.01349	0.0009 J	**0.2459**	0.0021	**0.4711**	0.0014	**1.101**	0.00210	**2.164**	0.00558
Iron	0.300	**15.4**	.118	**28.7**	0.024	**12.4**	ND	**227**	ND	**147**	**0.412**
Lead	0.025	0.00732	0.0003 J	**0.09296**	ND	**0.03632**	ND	**0.3355**	ND	**0.2804**	0.00065 J
Magnesium	35	32.6	14.9	**41.1**	22.6	25.7	22.5	**42.6**	26.4	**127**	**62.3**
Manganese	0.300	**6.588**	**2.516**	**18.08**	**2.908**	**108.9**	**3.545**	**48.22**	**1.467**	**23.78**	**5.078**
Mercury	0.0007	ND	ND	0.00014 J	ND	**0.00195**	ND	0.00061	ND	**0.00073**	ND
Nickel	0.100	0.00587	0.0023	**0.1228**	0.0233	**0.4197**	0.0137	**0.3707**	0.01621	**0.7176**	0.03887
Potassium	NA	8.25	4.55	8.36	10.6	20.2	11.1	10.7	9.06	25.2	16.8
Selenium	0.010	0.00130 J	0.001 J	**0.0235**	0.002	**0.0473**	0.003	**0.087**	0.00147 J	**0.120**	0.00531
Silver	0.050	ND	ND	0.00024 J	ND	0.00094	ND	0.0007	ND	0.0002 J	ND
Sodium	20	**175**	**107**	**189**	**192**	**296**	**240**	**211**	**208**	**292**	**268**
Thallium	0.0005	0.00005 J	ND	0.00047 J	ND	**0.00148**	ND	**0.0011**	ND	**0.0011**	ND
Vanadium	NA	0.00859	ND	0.02667	ND	ND	ND	0.1800	ND	0.3197	0.00062 J
Zinc	2	0.01251	ND	0.1826	ND	0.4060	ND	0.4523	0.00361 J	0.8162	0.00291 J

Notes:
TCL VOCs -Target Compound List for volatile organic compounds.
TCL SVOCs - Target Compound List for semi-volatile organic compounds.
TAL Metals - Target Analyte List for metals.
PCBs - Polychlorinated Biphenyls
NYSDEC TOGS AWQSGV - New York State Department of Environmental Conservation
Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards
ug/kg - micrograms per kilogram (parts per billion).
mg/kg- milligrams per kilogram (parts per million).
J - estimated concentration.
NA - Not analyzed/Not available
ND - Analyte was not detected above method detection limits.

TABLE 3
SUMMARY OF SOIL VAPOR ANALYTICAL DATA
426-458 W 126th STREET,
NEW YORK, NEW YORK

Parameters	Sample Identifer						
TO-15 VOCs (ug/m3)	**SG-1**	**SG-2**	**SG-3**	**SG-4**	**SG-5**	**SG-6**	**SG-7**
Methylene chloride	6.98	4.38	3.40	ND	3.89	4.66	4.79
Acetone	309	409	249	252	349	276	447
2-Butanone	4.51	12.6	3.01	5.01	7.40	3.60	3.89
Chloromethane	0.675	0.991	0.446	ND	ND	ND	ND
Cyclohexane	4.65	0.953	0.781	ND	2.50	5.44	1.71
Dichlorodifluoromethane	1.65	1.52	14.2	ND	2.16	1.74	2.01
Carbon disulfide	3.55	4.20	2.65	101	2.29	ND	1.31
Ethyl Alcohol	53.3	48.6	48.6	62.2	27.7	58.8	48.2
4-Methyl-2-pentanone	0.979	0.984	0.848	ND	1.30	0.926	1.13
1,4-Dichlorobenzene	2.28	2.42	2.10	ND	2.59	ND	1.92
Benzene	2.03	1.60	1.50	ND	1.88	1.93	1.93
Ethylbenzene	6.39	6.34	3.96	11.7	5.17	10.9	8.12
tert-Butyl Alcohol	4.18	7.58	5.85	7.82	2.46	2.73	5.76
Tetrachloroethene (PCE)[1]	4.3	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.51	5.80	4.81	9.34	6.39	4.14	5.65
Chloroform	3.66	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	1.77	ND	ND	1.25	ND	ND
1,3,5-Trimethybenzene	1.74	1.72	1.35	ND	1.98	1.42	1.76
iso-Propyl Alcohol	44.5	44.7	80.6	204	25.1	70.5	82.1
o-Xylene	7.4	7.25	4.31	15.2	6.30	11.8	8.64
n-Hexane	8.35	1.93	2.93	21.5	1.72	3.21	2.74
Heptane	3.99	1.62	0.910	7.13	1.43	4.75	3.62
2,2,4-Trimethylpentane	13.5	3.08	2.89	12.8	2.94	10.5	7.99
Trichlorofluoromethane	1.60	1.72	251	ND	1.67	1.67	1.40
1,3-Butadiene	20.8	3.12	1.44	32.7	0.473	0.746	2.13
4-Ethyltoluene	1.39	1.43	1.26	ND	1.58	2.05	1.46
Toluene	17.3	6.52	4.18	33.7	6.48	24.1	16.2
Tetrahydrofuran	0.885	0.941	1.07	ND	1.22	0.849	1.26
p/m-Xylene	17.4	13.8	9.43	37.4	12.1	34.8	18.5
Fixed Gasses (%)	**SG-1**	**SG-2**	**SG-3**	**SG-4**	**SG-5**	**SG-6**	**SG-7**
Helium	ND	ND	ND	ND	ND	ND	ND

Notes:
NA - Not Available/Not Analyzed
ND - Not Detected
ug/m3 - micrograms per cubic meter
[1] Subject to NYSDOH Soil Vapor/Indoor Air Matrix 2 - New York State Department of Health Guidance for Evaluating Soil Vapor Intrusion

Appendix A

VHB ENGINEERING, SURVEYING AND LANDSCAPE ARCHITECTURE, P.C. 100 Motor Parkway, Suite 135 Hauppauge, New York 11788			
Site Loc.	Harlem, NY	Boring ID	SB-5
Weather	Clear/Sunny	Sheet	1 of 8
Drill Company	AARCO	Job #	29345
		Date	1/22/2015
Drillers		VHB Rep	RM
		DTW	
Rig	Geoprobe	Depth	Approx. 17 feet

% Recovery	Sample ID	PID Reading	Depth Feet	Lithology	Description	Notes
			1			
			2			
			3			
			4			
			5			
			6		Fill materials including brick, concrete, wood pieces etc.	
			7			
			8			
			9			
			10			
			11			
			12			
			13			
		0.1	14		Reddish brown silty sand with traces of gravel.	Moist
75%	Soil Boring 5		15			
		10.2	16		Dark Brown Sand with gravel.	
			17			
			18			
			19			
			20			

Notes:	Location: Eastern-central portions of the property.

VHB ENGINEERING, SURVEYING AND LANDSCAPE ARCHITECTURE, P.C. 100 Motor Parkway, Suite 135 Hauppauge, New York 11788			
Site Loc.	Harlem, NY	Boring ID	SB-6
Weather		Sheet	2 of 8
Drill Company	AARCO	Job #	29345
		Date	1/22/2015
Drillers		VHB Rep	RM
		DTW	
Rig	Geoprobe	Depth	Approx. 17 feet

% Recovery	Sample ID	PID Reading	Depth Feet	Lithology	Description	Notes
			1			
			2			
			3			
			4			
			5			
			6		Fill materials, including brick, concrete, wood pieces etc.	
			7			
			8			
			9			
			10			
			11			
			12			
			13			
		0.0	14		Reddish Brown Silty Sand with a small amount of gravel/ trace fill.	
30%	Soil Boring 6		15			
		5.5	16			
			17		Reddish Brown Silty Sand with a small amount of gravel/ trace fill.	
			18			
			19			
			20			

Notes:

Location: Northwest portions of the property.

VHB ENGINEERING, SURVEYING AND LANDSCAPE ARCHITECTURE, P.C. 100 Motor Parkway, Suite 135 Hauppauge, New York 11788	Site Loc.	Harlem, NY	Boring ID	SB-7
	Weather		Sheet	3 of 8
	Drill Company	AARCO	Job #	29345
			Date	1/23/2015
	Drillers		VHB Rep	RM
			DTW	
	Rig	Geoprobe	Depth	Approx. 15 feet

% Recovery	Sample ID	PID Reading	Depth Feet	Lithology	Description	Notes
60%	Soil Boring 7	0.0	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		Fill materials, including brick, concrete, wood pieces etc. Brown silty sand with traces of gravel. Brown silty sand with traces of gravel. Brown/ Grey silty sand with traces of gravel.	

Notes:

Location: Northwest portions of the property.

VHB ENGINEERING, SURVEYING AND LANDSCAPE ARCHITECTURE, P.C. 100 Motor Parkway, Suite 135 Hauppauge, New York 11788	Site Loc.	Harlem ,NY	Boring ID	SB-8
	Weather		Sheet	4 of 8
	Drill Company	AARCO	Job #	29345
			Date	1/22/2015
	Drillers		VHB Rep	RM
			DTW	
	Rig	Geoprobe	Depth	Approx. 15 feet

% Recovery	Sample ID	PID Reading	Depth Feet	Lithology	Description	Notes
			1			
			2			
			3			
			4			
			5		Fill materials, including brick, concrete, wood pieces etc.	
			6			
			7			
			8			
			9			
			10			
			11		Transition from fill.	
35%		0.0	12		Reddish brown silty clay. Traces of sand/gravel	Moist
	Soil Boring 8		13			
50%		0.0	14		Reddish brown silty sand with traces of gravel.	Dry
			15			
			16			
			17			
			18			
			19			
			20			

Notes:

Location: Central portions of the property.

VHB ENGINEERING, SURVEYING AND LANDSCAPE ARCHITECTURE, P.C. 100 Motor Parkway, Suite 135 Hauppauge, New York 11788	Site Loc.	Harlem, NY	Boring ID	SB-9
	Weather		Sheet	5 of 8
	Drill Company	AARCO	Job #	29345
			Date	1/22/2015
	Drillers		VHB Rep	RM
			DTW	
	Rig	Geoprobe	Depth	Approx. 15 feet

% Recovery	Sample ID	PID Reading	Depth Feet	Lithology	Description	Notes
60%	Soil Boring 9	0.0	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		Fill materials, including brick, concrete, wood pieces etc. Bright red sand with gravel & traces of silt. Bright red sand with gravel & traces of silt. Bright red sand with gravel & traces of silt.	Moist

Notes:

Location: Northwest portions of the property.

VHB ENGINEERING, SURVEYING AND LANDSCAPE ARCHITECTURE, P.C. 100 Motor Parkway, Suite 135 Hauppauge, New York 11788	Site Loc.	Harlem, NY	Boring ID	SB-10
	Weather		Sheet	6 of 8
	Drill Company	AARCO	Job #	29345
			Date	1/23/2015
	Drillers		VHB Rep	RM
			DTW	
	Rig	Geoprobe	Depth	Approx. 14 feet

% Recovery	Sample ID	PID Reading	Depth Feet	Lithology	Description	Notes
			1			
			2			
			3			
			4			
			5			
			6		Fill materials, including brick, concrete, wood pieces etc.	
			7			
			8			
			9			
			10			
			11			
			12			
60%	Soil Boring 10	0.0	13		Dark Brown Sand with traces of silt, gravel.	
			14			
			15			
			16			
			17			
			18			
			19			
			20			

Notes:	Location: Northwest portions of the property.

VHB ENGINEERING, SURVEYING AND LANDSCAPE ARCHITECTURE, P.C. 100 Motor Parkway, Suite 135 Hauppauge, New York 11788	Site Loc.	Harlem, NY	Boring ID	SB-11
	Weather		Sheet	7 of 8
	Drill Company	AARCO	Job #	29345
			Date	1/22/2015
	Drillers		VHB Rep	RM
			DTW	
	Rig	Geoprobe	Depth	Approx. 17 feet

% Recovery	Sample ID	PID Reading	Depth Feet	Lithology	Description	Notes
			1			
			2			
			3			
			4			
			5		Fill materials, including brick, concrete, wood pieces etc.	
			6			
			7			
			8			
			9			
			10			
			11			
		0.0	12		Reddish brown silty sand with traces of gravel.	
75%	Soil Boring 11		13			
		0.0	14		Reddish brown silty sand with gravel.	
			15			
			16			
			17			
			18			
			19			
			20			

Notes:	Location: Western-central portions of the property.

VHB ENGINEERING, SURVEYING AND LANDSCAPE ARCHITECTURE, P.C. 100 Motor Parkway, Suite 135 Hauppauge, New York 11788			
Site Loc.	Harlem, NY	Boring ID	SB-12
Weather		Sheet	8 of 8
Drill Company	AARCO	Job #	29345
		Date	1/22/2015
Drillers		VHB Rep	RM
		DTW	
Rig	Geoprobe	Depth	Approx. 17 feet

% Recovery	Sample ID	PID Reading	Depth Feet	Lithology	Description	Notes
			1			
			2			
			3			
			4			
			5		Fill materials including brick, concrete, wood pieces etc.	
			6			
			7			
			8			
			9			
			10			
			11			
		0.0	12		Bright red silty clay with traces of gravel/sand.	
			13			
	Soil Boring 12	0.0	14		Bright red silty clay with traces of gravel/sand.	
			15			
		0.0	16		Brown silty sand/gravel.	
			17			
			18			
			19			
			20			

Notes:

Location: Southern portions of the property.

Appendix B

ANALYTICAL REPORT

Lab Number:	L1501591
Client:	VHB Engineering, Surveying and Landscape 100 Motor Parkway Suite 135 Hauppauge, NY 11788
ATTN:	Bryan Murty
Phone:	(631) 234-3444
Project Name:	CREATE LLC
Project Number:	28581.00
Report Date:	01/31/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1501591-01	SB-5 (13-15')	SOIL	HARLEM, NY	01/22/15 12:20	01/23/15
L1501591-02	SB-5 (15-17')	SOIL	HARLEM, NY	01/22/15 12:20	01/23/15
L1501591-03	SB-6 (13-15')	SOIL	HARLEM, NY	01/22/15 11:07	01/23/15
L1501591-04	SB-6 (15-17')	SOIL	HARLEM, NY	01/22/15 11:07	01/23/15
L1501591-05	SB-7 (9-11')	SOIL	HARLEM, NY	01/22/15 14:30	01/23/15
L1501591-06	SB-7 (13-15')	SOIL	HARLEM, NY	01/22/15 14:30	01/23/15
L1501591-07	SB-8 (11-13')	SOIL	HARLEM, NY	01/22/15 11:45	01/23/15
L1501591-08	SB-8 (13-15')	SOIL	HARLEM, NY	01/22/15 11:45	01/23/15
L1501591-09	SB-9 (9-11')	SOIL	HARLEM, NY	01/22/15 14:03	01/23/15
L1501591-10	SB-9 (13-15')	SOIL	HARLEM, NY	01/22/15 14:03	01/23/15
L1501591-11	SB-11 (11-13')	SOIL	HARLEM, NY	01/22/15 13:40	01/23/15
L1501591-12	SB-11 (13-15')	SOIL	HARLEM, NY	01/22/15 13:40	01/23/15
L1501591-13	SB-12 (11-13')	SOIL	HARLEM, NY	01/22/15 12:47	01/23/15
L1501591-14	SB-12 (13-15')	SOIL	HARLEM, NY	01/22/15 12:47	01/23/15

Project Name: CREATE LLC **Lab Number:** L1501591
Project Number: 28581.00 **Report Date:** 01/31/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: CREATE LLC **Lab Number:** L1501591
Project Number: 28581.00 **Report Date:** 01/31/15

Case Narrative (continued)

Report Submission
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt
For the samples identified as "SB-7 (9-11')" and "SB-7 (12-15')", the depths were not noted on any of the containers; therefore, we were not able to determine which container belonged with each sample. At the client's request, these samples were logged per the chain of custody and containers were arbitrarily assigned to each.

Semivolatile Organics
The WG758637-2/-3 LCS/LCSD recoveries, associated with L1501591-01 through -04,-07 through -11, -13, and -14, are below the acceptance criteria for benzoic acid (5%/4%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Metals
L1501591-01 through -14 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.
The WG759321-1 Method Blank, associated with L1501591-01 through -14, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no qualification of the results was performed.
The WG758287-4 MS recovery, performed on L1501591-01, is above the acceptance criteria for mercury (154%). A post digestion spike was performed and was within acceptance criteria.
The WG759321-4 MS recoveries for aluminum (352%), iron (2350%), and manganese (47%), performed on L1501591-01, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG759321-4 MS recoveries, performed on L1501591-01, are outside the acceptance criteria for calcium (127%), lead (152%), and magnesium (59%). A post digestion spike was performed and yielded unacceptable recoveries for calcium (78%) and magnesium (69%); lead was within acceptance criteria. This has been

Project Name:	CREATE LLC	**Lab Number:**	L1501591
Project Number:	28581.00	**Report Date:**	01/31/15

Case Narrative (continued)

attributed to sample matrix.

The WG758287-3 Laboratory Duplicate RPD, performed on L1501591-01, is outside the acceptance criteria for mercury (45%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

The WG759321-3 Laboratory Duplicate RPDs, performed on L1501591-01, are outside the acceptance criteria for calcium (21%), lead (71%), and zinc (27%). The elevated RPDs have been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative

Date: 01/31/15

ORGANICS

VOLATILES

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-01
Client ID: SB-5 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/30/15 08:50
Analyst: BN
Percent Solids: 88%

Date Collected: 01/22/15 12:20
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	0.32	J	ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.42	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.4	0.15	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.4	0.32	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	0.17	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-01 Date Collected: 01/22/15 12:20

Client ID: SB-5 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.4	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	0.22	J	ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
Xylene (Total)	0.22	J	ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichloroethene (total)	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	ND		ug/kg	11	1.1	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.30	1
Vinyl acetate	ND		ug/kg	11	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.18	1
2-Hexanone	ND		ug/kg	11	0.73	1
Bromochloromethane	ND		ug/kg	5.4	0.30	1
2,2-Dichloropropane	ND		ug/kg	5.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.4	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.35	1
Bromobenzene	ND		ug/kg	5.4	0.23	1
n-Butylbenzene	ND		ug/kg	1.1	0.12	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.4	0.15	1
o-Chlorotoluene	ND		ug/kg	5.4	0.17	1
p-Chlorotoluene	ND		ug/kg	5.4	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	0.43	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.25	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
Naphthalene	5.2	J	ug/kg	5.4	0.15	1
Acrylonitrile	ND		ug/kg	11	0.56	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.16	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-01 Date Collected: 01/22/15 12:20

Client ID: SB-5 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	0.41	J	ug/kg	5.4	0.15	1
1,4-Dioxane	ND		ug/kg	110	16.	1
1,4-Diethylbenzene	0.27	J	ug/kg	4.4	0.17	1
4-Ethyltoluene	0.23	J	ug/kg	4.4	0.14	1
1,2,4,5-Tetramethylbenzene	0.31	J	ug/kg	4.4	0.14	1
Ethyl ether	ND		ug/kg	5.4	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	0.43	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	108		70-130

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-02
Client ID: SB-5 (15-17')
Sample Location: HARLEM, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/30/15 09:17
Analyst: BN
Percent Solids: 94%

Date Collected: 01/22/15 12:20
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.8	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.08	1
Chloroform	ND		ug/kg	1.5	0.36	1
Carbon tetrachloride	ND		ug/kg	0.98	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.98	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	ND		ug/kg	0.98	0.14	1
Chlorobenzene	ND		ug/kg	0.98	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.98	0.11	1
Bromodichloromethane	ND		ug/kg	0.98	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.98	0.12	1
1,3-Dichloropropene, Total	ND		ug/kg	0.98	0.12	1
1,1-Dichloropropene	ND		ug/kg	4.9	0.14	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.98	0.10	1
Benzene	0.20	J	ug/kg	0.98	0.12	1
Toluene	ND		ug/kg	1.5	0.19	1
Ethylbenzene	ND		ug/kg	0.98	0.12	1
Chloromethane	ND		ug/kg	4.9	0.29	1
Bromomethane	ND		ug/kg	2.0	0.33	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	0.98	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.15	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-02 Date Collected: 01/22/15 12:20

Client ID: SB-5 (15-17') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	4.9	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.08	1
p/m-Xylene	ND		ug/kg	2.0	0.19	1
o-Xylene	ND		ug/kg	2.0	0.17	1
Xylene (Total)	ND		ug/kg	2.0	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.14	1
1,2-Dichloroethene (total)	ND		ug/kg	0.98	0.14	1
Dibromomethane	ND		ug/kg	9.8	0.16	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.19	1
Acetone	ND		ug/kg	9.8	1.0	1
Carbon disulfide	ND		ug/kg	9.8	1.1	1
2-Butanone	ND		ug/kg	9.8	0.27	1
Vinyl acetate	ND		ug/kg	9.8	0.13	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.8	0.16	1
2-Hexanone	ND		ug/kg	9.8	0.66	1
Bromochloromethane	ND		ug/kg	4.9	0.27	1
2,2-Dichloropropane	ND		ug/kg	4.9	0.22	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.17	1
1,3-Dichloropropane	ND		ug/kg	4.9	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.98	0.31	1
Bromobenzene	ND		ug/kg	4.9	0.20	1
n-Butylbenzene	ND		ug/kg	0.98	0.11	1
sec-Butylbenzene	ND		ug/kg	0.98	0.12	1
tert-Butylbenzene	ND		ug/kg	4.9	0.13	1
o-Chlorotoluene	ND		ug/kg	4.9	0.16	1
p-Chlorotoluene	ND		ug/kg	4.9	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	0.39	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.22	1
Isopropylbenzene	ND		ug/kg	0.98	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.12	1
Naphthalene	3.4	J	ug/kg	4.9	0.14	1
Acrylonitrile	ND		ug/kg	9.8	0.50	1
n-Propylbenzene	ND		ug/kg	0.98	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	0.14	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-02 Date Collected: 01/22/15 12:20

Client ID: SB-5 (15-17') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	4.9	0.14	1
1,4-Dioxane	ND		ug/kg	98	14.	1
1,4-Diethylbenzene	ND		ug/kg	3.9	0.16	1
4-Ethyltoluene	ND		ug/kg	3.9	0.12	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	0.13	1
Ethyl ether	ND		ug/kg	4.9	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	0.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	107		70-130

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-03
Client ID: SB-6 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/30/15 09:43
Analyst: BN
Percent Solids: 94%

Date Collected: 01/22/15 11:07
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	1
Chloroform	ND		ug/kg	1.5	0.37	1
Carbon tetrachloride	ND		ug/kg	1.0	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31	1
Tetrachloroethene	ND		ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.35	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.39	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Bromodichloromethane	ND		ug/kg	1.0	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12	1
1,1-Dichloropropene	ND		ug/kg	5.0	0.14	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.5	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.0	0.30	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.32	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	1.0	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-03 Date Collected: 01/22/15 11:07

Client ID: SB-6 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.09	1
p/m-Xylene	ND		ug/kg	2.0	0.20	1
o-Xylene	ND		ug/kg	2.0	0.17	1
Xylene (Total)	ND		ug/kg	2.0	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14	1
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	10	0.16	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	10	0.19	1
Acetone	ND		ug/kg	10	1.0	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.27	1
Vinyl acetate	ND		ug/kg	10	0.13	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.16	1
2-Hexanone	ND		ug/kg	10	0.67	1
Bromochloromethane	ND		ug/kg	5.0	0.28	1
2,2-Dichloropropane	ND		ug/kg	5.0	0.23	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.18	1
1,3-Dichloropropane	ND		ug/kg	5.0	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32	1
Bromobenzene	ND		ug/kg	5.0	0.21	1
n-Butylbenzene	ND		ug/kg	1.0	0.12	1
sec-Butylbenzene	ND		ug/kg	1.0	0.12	1
tert-Butylbenzene	ND		ug/kg	5.0	0.14	1
o-Chlorotoluene	ND		ug/kg	5.0	0.16	1
p-Chlorotoluene	ND		ug/kg	5.0	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.23	1
Isopropylbenzene	ND		ug/kg	1.0	0.10	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.12	1
Naphthalene	0.58	J	ug/kg	5.0	0.14	1
Acrylonitrile	ND		ug/kg	10	0.52	1
n-Propylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-03 Date Collected: 01/22/15 11:07

Client ID: SB-6 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14	1
1,4-Dioxane	ND		ug/kg	100	14.	1
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16	1
4-Ethyltoluene	ND		ug/kg	4.0	0.12	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13	1
Ethyl ether	ND		ug/kg	5.0	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-04	Date Collected:	01/22/15 11:07
Client ID:	SB-6 (15-17')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/30/15 10:10		
Analyst:	BN		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.4	1.0	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.08	1
Chloroform	ND		ug/kg	1.4	0.35	1
Carbon tetrachloride	ND		ug/kg	0.94	0.20	1
1,2-Dichloropropane	ND		ug/kg	3.3	0.21	1
Dibromochloromethane	ND		ug/kg	0.94	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.29	1
Tetrachloroethene	ND		ug/kg	0.94	0.13	1
Chlorobenzene	ND		ug/kg	0.94	0.33	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.36	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.94	0.10	1
Bromodichloromethane	ND		ug/kg	0.94	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.11	1
cis-1,3-Dichloropropene	ND		ug/kg	0.94	0.11	1
1,3-Dichloropropene, Total	ND		ug/kg	0.94	0.11	1
1,1-Dichloropropene	ND		ug/kg	4.7	0.13	1
Bromoform	ND		ug/kg	3.8	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.94	0.10	1
Benzene	ND		ug/kg	0.94	0.11	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.94	0.12	1
Chloromethane	ND		ug/kg	4.7	0.28	1
Bromomethane	ND		ug/kg	1.9	0.32	1
Vinyl chloride	ND		ug/kg	1.9	0.11	1
Chloroethane	ND		ug/kg	1.9	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Trichloroethene	ND		ug/kg	0.94	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.7	0.14	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-04 Date Collected: 01/22/15 11:07

Client ID: SB-6 (15-17') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	4.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.7	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.08	1
p/m-Xylene	ND		ug/kg	1.9	0.19	1
o-Xylene	ND		ug/kg	1.9	0.16	1
Xylene (Total)	ND		ug/kg	1.9	0.16	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.13	1
1,2-Dichloroethene (total)	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	9.4	0.15	1
Styrene	ND		ug/kg	1.9	0.38	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.18	1
Acetone	ND		ug/kg	9.4	0.98	1
Carbon disulfide	ND		ug/kg	9.4	1.0	1
2-Butanone	ND		ug/kg	9.4	0.26	1
Vinyl acetate	ND		ug/kg	9.4	0.12	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	0.23	1
1,2,3-Trichloropropane	ND		ug/kg	9.4	0.15	1
2-Hexanone	ND		ug/kg	9.4	0.63	1
Bromochloromethane	ND		ug/kg	4.7	0.26	1
2,2-Dichloropropane	ND		ug/kg	4.7	0.21	1
1,2-Dibromoethane	ND		ug/kg	3.8	0.16	1
1,3-Dichloropropane	ND		ug/kg	4.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.94	0.30	1
Bromobenzene	ND		ug/kg	4.7	0.20	1
n-Butylbenzene	ND		ug/kg	0.94	0.11	1
sec-Butylbenzene	ND		ug/kg	0.94	0.11	1
tert-Butylbenzene	ND		ug/kg	4.7	0.13	1
o-Chlorotoluene	ND		ug/kg	4.7	0.15	1
p-Chlorotoluene	ND		ug/kg	4.7	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	0.37	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.21	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.12	1
Naphthalene	0.31	J	ug/kg	4.7	0.13	1
Acrylonitrile	ND		ug/kg	9.4	0.48	1
n-Propylbenzene	ND		ug/kg	0.94	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.7	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.7	0.17	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.7	0.14	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-04 Date Collected: 01/22/15 11:07

Client ID: SB-6 (15-17') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	4.7	0.13	1
1,4-Dioxane	ND		ug/kg	94	14.	1
1,4-Diethylbenzene	0.27	J	ug/kg	3.8	0.15	1
4-Ethyltoluene	ND		ug/kg	3.8	0.12	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.8	0.12	1
Ethyl ether	ND		ug/kg	4.7	0.24	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	105		70-130

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-05
Client ID: SB-7 (9-11')
Sample Location: HARLEM, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/30/15 10:36
Analyst: BN
Percent Solids: 95%

Date Collected: 01/22/15 14:30
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.13	1
Bromodichloromethane	ND		ug/kg	1.1	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.7	0.16	1
Bromoform	ND		ug/kg	4.6	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.12	1
Benzene	ND		ug/kg	1.1	0.14	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	5.7	0.34	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.13	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.18	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-05 Date Collected: 01/22/15 14:30

Client ID: SB-7 (9-11') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.23	1
o-Xylene	ND		ug/kg	2.3	0.20	1
Xylene (Total)	ND		ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichloroethene (total)	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.19	1
Styrene	ND		ug/kg	2.3	0.46	1
Dichlorodifluoromethane	ND		ug/kg	11	0.22	1
Acetone	7.3	J	ug/kg	11	1.2	1
Carbon disulfide	5.3	J	ug/kg	11	1.3	1
2-Butanone	ND		ug/kg	11	0.31	1
Vinyl acetate	ND		ug/kg	11	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.19	1
2-Hexanone	ND		ug/kg	11	0.76	1
Bromochloromethane	ND		ug/kg	5.7	0.32	1
2,2-Dichloropropane	ND		ug/kg	5.7	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.7	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.7	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.13	1
sec-Butylbenzene	ND		ug/kg	1.1	0.14	1
tert-Butylbenzene	ND		ug/kg	5.7	0.16	1
o-Chlorotoluene	ND		ug/kg	5.7	0.18	1
p-Chlorotoluene	ND		ug/kg	5.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	0.46	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.26	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
Naphthalene	ND		ug/kg	5.7	0.16	1
Acrylonitrile	ND		ug/kg	11	0.59	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.7	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.7	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.16	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-05 Date Collected: 01/22/15 14:30

Client ID: SB-7 (9-11') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
1,4-Diethylbenzene	ND		ug/kg	4.6	0.18	1
4-Ethyltoluene	ND		ug/kg	4.6	0.14	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.15	1
Ethyl ether	ND		ug/kg	5.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	0.45	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-06
Client ID: SB-7 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/30/15 11:02
Analyst: BN
Percent Solids: 95%

Date Collected: 01/22/15 14:30
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.42	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.5	0.15	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.5	0.32	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.17	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-06 Date Collected: 01/22/15 14:30

Client ID: SB-7 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	ND		ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
Xylene (Total)	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichloroethene (total)	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	ND		ug/kg	11	1.1	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.30	1
Vinyl acetate	ND		ug/kg	11	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.18	1
2-Hexanone	ND		ug/kg	11	0.73	1
Bromochloromethane	ND		ug/kg	5.5	0.30	1
2,2-Dichloropropane	ND		ug/kg	5.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.5	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.35	1
Bromobenzene	ND		ug/kg	5.5	0.23	1
n-Butylbenzene	ND		ug/kg	1.1	0.12	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.5	0.15	1
o-Chlorotoluene	ND		ug/kg	5.5	0.18	1
p-Chlorotoluene	ND		ug/kg	5.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	0.43	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.25	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
Naphthalene	0.85	J	ug/kg	5.5	0.15	1
Acrylonitrile	ND		ug/kg	11	0.56	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.5	0.16	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-06 Date Collected: 01/22/15 14:30

Client ID: SB-7 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.5	0.15	1
1,4-Dioxane	ND		ug/kg	110	16.	1
1,4-Diethylbenzene	ND		ug/kg	4.4	0.18	1
4-Ethyltoluene	ND		ug/kg	4.4	0.14	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.4	0.14	1
Ethyl ether	ND		ug/kg	5.5	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	0.43	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-07
Client ID: SB-8 (11-13')
Sample Location: HARLEM, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/30/15 11:29
Analyst: BN
Percent Solids: 86%

Date Collected: 01/22/15 11:45
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.3	1.0	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.08	1
Chloroform	ND		ug/kg	1.4	0.34	1
Carbon tetrachloride	ND		ug/kg	0.93	0.19	1
1,2-Dichloropropane	ND		ug/kg	3.2	0.21	1
Dibromochloromethane	ND		ug/kg	0.93	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.28	1
Tetrachloroethene	ND		ug/kg	0.93	0.13	1
Chlorobenzene	ND		ug/kg	0.93	0.32	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.36	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.10	1
1,1,1-Trichloroethane	ND		ug/kg	0.93	0.10	1
Bromodichloromethane	ND		ug/kg	0.93	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.11	1
cis-1,3-Dichloropropene	ND		ug/kg	0.93	0.11	1
1,3-Dichloropropene, Total	ND		ug/kg	0.93	0.11	1
1,1-Dichloropropene	ND		ug/kg	4.6	0.13	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.93	0.09	1
Benzene	ND		ug/kg	0.93	0.11	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.93	0.12	1
Chloromethane	ND		ug/kg	4.6	0.27	1
Bromomethane	ND		ug/kg	1.8	0.31	1
Vinyl chloride	ND		ug/kg	1.8	0.11	1
Chloroethane	ND		ug/kg	1.8	0.29	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Trichloroethene	ND		ug/kg	0.93	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.6	0.14	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-07 Date Collected: 01/22/15 11:45

Client ID: SB-8 (11-13') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	4.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	4.6	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.08	1
p/m-Xylene	ND		ug/kg	1.8	0.18	1
o-Xylene	ND		ug/kg	1.8	0.16	1
Xylene (Total)	ND		ug/kg	1.8	0.16	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.13	1
1,2-Dichloroethene (total)	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	9.3	0.15	1
Styrene	ND		ug/kg	1.8	0.37	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.18	1
Acetone	ND		ug/kg	9.3	0.96	1
Carbon disulfide	ND		ug/kg	9.3	1.0	1
2-Butanone	ND		ug/kg	9.3	0.25	1
Vinyl acetate	ND		ug/kg	9.3	0.12	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	0.23	1
1,2,3-Trichloropropane	ND		ug/kg	9.3	0.15	1
2-Hexanone	ND		ug/kg	9.3	0.62	1
Bromochloromethane	ND		ug/kg	4.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	4.6	0.21	1
1,2-Dibromoethane	ND		ug/kg	3.7	0.16	1
1,3-Dichloropropane	ND		ug/kg	4.6	0.13	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.93	0.29	1
Bromobenzene	ND		ug/kg	4.6	0.19	1
n-Butylbenzene	ND		ug/kg	0.93	0.11	1
sec-Butylbenzene	ND		ug/kg	0.93	0.11	1
tert-Butylbenzene	ND		ug/kg	4.6	0.12	1
o-Chlorotoluene	ND		ug/kg	4.6	0.15	1
p-Chlorotoluene	ND		ug/kg	4.6	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	0.37	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.21	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.12	1
Naphthalene	0.23	J	ug/kg	4.6	0.13	1
Acrylonitrile	ND		ug/kg	9.3	0.48	1
n-Propylbenzene	ND		ug/kg	0.93	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.6	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.6	0.17	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.6	0.13	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-07 Date Collected: 01/22/15 11:45

Client ID: SB-8 (11-13') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	4.6	0.13	1
1,4-Dioxane	ND		ug/kg	93	13.	1
1,4-Diethylbenzene	ND		ug/kg	3.7	0.15	1
4-Ethyltoluene	ND		ug/kg	3.7	0.11	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.7	0.12	1
Ethyl ether	ND		ug/kg	4.6	0.24	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	0.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	105		70-130

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-08
Client ID: SB-8 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/30/15 11:55
Analyst: BN
Percent Solids: 94%

Date Collected: 01/22/15 11:45
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.9	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.08	1
Chloroform	ND		ug/kg	1.5	0.36	1
Carbon tetrachloride	ND		ug/kg	0.99	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.99	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	ND		ug/kg	0.99	0.14	1
Chlorobenzene	ND		ug/kg	0.99	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.99	0.11	1
Bromodichloromethane	ND		ug/kg	0.99	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.99	0.12	1
1,3-Dichloropropene, Total	ND		ug/kg	0.99	0.12	1
1,1-Dichloropropene	ND		ug/kg	4.9	0.14	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.99	0.10	1
Benzene	ND		ug/kg	0.99	0.12	1
Toluene	ND		ug/kg	1.5	0.19	1
Ethylbenzene	ND		ug/kg	0.99	0.12	1
Chloromethane	ND		ug/kg	4.9	0.29	1
Bromomethane	ND		ug/kg	2.0	0.33	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	0.99	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.15	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-08 Date Collected: 01/22/15 11:45

Client ID: SB-8 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	4.9	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.08	1
p/m-Xylene	ND		ug/kg	2.0	0.20	1
o-Xylene	ND		ug/kg	2.0	0.17	1
Xylene (Total)	ND		ug/kg	2.0	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.14	1
1,2-Dichloroethene (total)	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	9.9	0.16	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.19	1
Acetone	3.0	J	ug/kg	9.9	1.0	1
Carbon disulfide	ND		ug/kg	9.9	1.1	1
2-Butanone	ND		ug/kg	9.9	0.27	1
Vinyl acetate	ND		ug/kg	9.9	0.13	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.9	0.16	1
2-Hexanone	ND		ug/kg	9.9	0.66	1
Bromochloromethane	ND		ug/kg	4.9	0.27	1
2,2-Dichloropropane	ND		ug/kg	4.9	0.22	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.17	1
1,3-Dichloropropane	ND		ug/kg	4.9	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.99	0.31	1
Bromobenzene	ND		ug/kg	4.9	0.20	1
n-Butylbenzene	ND		ug/kg	0.99	0.11	1
sec-Butylbenzene	ND		ug/kg	0.99	0.12	1
tert-Butylbenzene	ND		ug/kg	4.9	0.13	1
o-Chlorotoluene	ND		ug/kg	4.9	0.16	1
p-Chlorotoluene	ND		ug/kg	4.9	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	0.39	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.22	1
Isopropylbenzene	ND		ug/kg	0.99	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.12	1
Naphthalene	5.2		ug/kg	4.9	0.14	1
Acrylonitrile	ND		ug/kg	9.9	0.51	1
n-Propylbenzene	ND		ug/kg	0.99	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	0.14	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-08 Date Collected: 01/22/15 11:45

Client ID: SB-8 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	4.9	0.14	1
1,4-Dioxane	ND		ug/kg	99	14.	1
1,4-Diethylbenzene	ND		ug/kg	3.9	0.16	1
4-Ethyltoluene	ND		ug/kg	3.9	0.12	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	0.13	1
Ethyl ether	ND		ug/kg	4.9	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	0.39	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-09
Client ID: SB-9 (9-11')
Sample Location: HARLEM, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/30/15 12:21
Analyst: BN
Percent Solids: 94%

Date Collected: 01/22/15 14:03
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.45	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.8	0.16	1
Bromoform	ND		ug/kg	4.6	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.8	0.34	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.14	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.2	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.18	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-09 Date Collected: 01/22/15 14:03

Client ID: SB-9 (9-11') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
1,4-Dichlorobenzene	0.28	J	ug/kg	5.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.23	1
o-Xylene	ND		ug/kg	2.3	0.20	1
Xylene (Total)	ND		ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.16	1
1,2-Dichloroethene (total)	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	12	0.19	1
Styrene	ND		ug/kg	2.3	0.46	1
Dichlorodifluoromethane	ND		ug/kg	12	0.22	1
Acetone	ND		ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.31	1
Vinyl acetate	ND		ug/kg	12	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.19	1
2-Hexanone	ND		ug/kg	12	0.77	1
Bromochloromethane	ND		ug/kg	5.8	0.32	1
2,2-Dichloropropane	ND		ug/kg	5.8	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.8	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
Bromobenzene	ND		ug/kg	5.8	0.24	1
n-Butylbenzene	ND		ug/kg	1.2	0.13	1
sec-Butylbenzene	ND		ug/kg	1.2	0.14	1
tert-Butylbenzene	ND		ug/kg	5.8	0.16	1
o-Chlorotoluene	ND		ug/kg	5.8	0.18	1
p-Chlorotoluene	ND		ug/kg	5.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.46	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.26	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	0.26	J	ug/kg	5.8	0.16	1
Acrylonitrile	ND		ug/kg	12	0.59	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.16	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-09 Date Collected: 01/22/15 14:03

Client ID: SB-9 (9-11') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	0.25	J	ug/kg	5.8	0.16	1
1,4-Dioxane	ND		ug/kg	120	17.	1
1,4-Diethylbenzene	0.28	J	ug/kg	4.6	0.18	1
4-Ethyltoluene	ND		ug/kg	4.6	0.14	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.15	1
Ethyl ether	ND		ug/kg	5.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	0.45	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	107		70-130

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-10
Client ID: SB-9 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/30/15 12:48
Analyst: BN
Percent Solids: 95%

Date Collected: 01/22/15 14:03
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.42	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.5	0.15	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.5	0.32	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.17	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-10 Date Collected: 01/22/15 14:03

Client ID: SB-9 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	ND		ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
Xylene (Total)	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichloroethene (total)	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	5.2	J	ug/kg	11	1.1	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.30	1
Vinyl acetate	ND		ug/kg	11	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.18	1
2-Hexanone	ND		ug/kg	11	0.73	1
Bromochloromethane	ND		ug/kg	5.5	0.30	1
2,2-Dichloropropane	ND		ug/kg	5.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.5	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.35	1
Bromobenzene	ND		ug/kg	5.5	0.23	1
n-Butylbenzene	ND		ug/kg	1.1	0.12	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.5	0.15	1
o-Chlorotoluene	ND		ug/kg	5.5	0.18	1
p-Chlorotoluene	ND		ug/kg	5.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	0.43	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.25	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
Naphthalene	0.39	J	ug/kg	5.5	0.15	1
Acrylonitrile	ND		ug/kg	11	0.56	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.5	0.16	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-10 Date Collected: 01/22/15 14:03

Client ID: SB-9 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.5	0.15	1
1,4-Dioxane	ND		ug/kg	110	16.	1
1,4-Diethylbenzene	ND		ug/kg	4.4	0.18	1
4-Ethyltoluene	ND		ug/kg	4.4	0.14	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.4	0.14	1
Ethyl ether	ND		ug/kg	5.5	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	0.43	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-11
Client ID: SB-11 (11-13')
Sample Location: HARLEM, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/30/15 13:14
Analyst: BN
Percent Solids: 96%

Date Collected: 01/22/15 13:40
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	1
Chloroform	ND		ug/kg	1.5	0.38	1
Carbon tetrachloride	ND		ug/kg	1.0	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.6	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31	1
Tetrachloroethene	ND		ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.40	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Bromodichloromethane	ND		ug/kg	1.0	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12	1
1,1-Dichloropropene	ND		ug/kg	5.1	0.14	1
Bromoform	ND		ug/kg	4.1	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.5	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.1	0.30	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.32	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.1	0.16	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-11 Date Collected: 01/22/15 13:40

Client ID: SB-11 (11-13') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.1	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.1	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.09	1
p/m-Xylene	ND		ug/kg	2.0	0.20	1
o-Xylene	ND		ug/kg	2.0	0.18	1
Xylene (Total)	ND		ug/kg	2.0	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14	1
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	10	0.17	1
Styrene	ND		ug/kg	2.0	0.41	1
Dichlorodifluoromethane	ND		ug/kg	10	0.19	1
Acetone	9.1	J	ug/kg	10	1.0	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.28	1
Vinyl acetate	ND		ug/kg	10	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.25	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.17	1
2-Hexanone	ND		ug/kg	10	0.68	1
Bromochloromethane	ND		ug/kg	5.1	0.28	1
2,2-Dichloropropane	ND		ug/kg	5.1	0.23	1
1,2-Dibromoethane	ND		ug/kg	4.1	0.18	1
1,3-Dichloropropane	ND		ug/kg	5.1	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32	1
Bromobenzene	ND		ug/kg	5.1	0.21	1
n-Butylbenzene	ND		ug/kg	1.0	0.12	1
sec-Butylbenzene	ND		ug/kg	1.0	0.12	1
tert-Butylbenzene	ND		ug/kg	5.1	0.14	1
o-Chlorotoluene	ND		ug/kg	5.1	0.16	1
p-Chlorotoluene	ND		ug/kg	5.1	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	0.40	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.23	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.13	1
Naphthalene	1.2	J	ug/kg	5.1	0.14	1
Acrylonitrile	ND		ug/kg	10	0.52	1
n-Propylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.1	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.1	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.1	0.15	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-11 Date Collected: 01/22/15 13:40

Client ID: SB-11 (11-13') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.1	0.14	1
1,4-Dioxane	ND		ug/kg	100	15.	1
1,4-Diethylbenzene	ND		ug/kg	4.1	0.16	1
4-Ethyltoluene	ND		ug/kg	4.1	0.13	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.1	0.13	1
Ethyl ether	ND		ug/kg	5.1	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-12
Client ID: SB-11 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/30/15 13:41
Analyst: BN
Percent Solids: 96%

Date Collected: 01/22/15 13:40
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.47	1
Carbon tetrachloride	ND		ug/kg	1.3	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.29	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.38	1
Tetrachloroethene	ND		ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.44	1
Trichlorofluoromethane	ND		ug/kg	6.3	0.49	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.14	1
Bromodichloromethane	ND		ug/kg	1.3	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.3	0.18	1
Bromoform	ND		ug/kg	5.1	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	0.35	J	ug/kg	1.3	0.15	1
Toluene	0.28	J	ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.16	1
Chloromethane	ND		ug/kg	6.3	0.37	1
Bromomethane	ND		ug/kg	2.5	0.43	1
Vinyl chloride	ND		ug/kg	2.5	0.15	1
Chloroethane	ND		ug/kg	2.5	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.27	1
Trichloroethene	ND		ug/kg	1.3	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.3	0.19	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-12 Date Collected: 01/22/15 13:40

Client ID: SB-11 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.3	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.11	1
p/m-Xylene	ND		ug/kg	2.5	0.25	1
o-Xylene	ND		ug/kg	2.5	0.22	1
Xylene (Total)	ND		ug/kg	2.5	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
1,2-Dichloroethene (total)	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	13	0.21	1
Styrene	ND		ug/kg	2.5	0.51	1
Dichlorodifluoromethane	ND		ug/kg	13	0.24	1
Acetone	5.5	J	ug/kg	13	1.3	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.34	1
Vinyl acetate	ND		ug/kg	13	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.31	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.20	1
2-Hexanone	ND		ug/kg	13	0.84	1
Bromochloromethane	ND		ug/kg	6.3	0.35	1
2,2-Dichloropropane	ND		ug/kg	6.3	0.28	1
1,2-Dibromoethane	ND		ug/kg	5.1	0.22	1
1,3-Dichloropropane	ND		ug/kg	6.3	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.40	1
Bromobenzene	ND		ug/kg	6.3	0.26	1
n-Butylbenzene	ND		ug/kg	1.3	0.14	1
sec-Butylbenzene	ND		ug/kg	1.3	0.15	1
tert-Butylbenzene	ND		ug/kg	6.3	0.17	1
o-Chlorotoluene	ND		ug/kg	6.3	0.20	1
p-Chlorotoluene	ND		ug/kg	6.3	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.3	0.50	1
Hexachlorobutadiene	ND		ug/kg	6.3	0.29	1
Isopropylbenzene	ND		ug/kg	1.3	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.16	1
Naphthalene	1.2	J	ug/kg	6.3	0.18	1
Acrylonitrile	ND		ug/kg	13	0.65	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.3	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.3	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.3	0.18	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-12 Date Collected: 01/22/15 13:40

Client ID: SB-11 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.3	0.18	1
1,4-Dioxane	ND		ug/kg	130	18.	1
1,4-Diethylbenzene	ND		ug/kg	5.1	0.20	1
4-Ethyltoluene	ND		ug/kg	5.1	0.16	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.1	0.16	1
Ethyl ether	ND		ug/kg	6.3	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-13	Date Collected:	01/22/15 12:47
Client ID:	SB-12 (11-13')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/30/15 14:07		
Analyst:	BN		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.26	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.45	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.8	0.16	1
Bromoform	ND		ug/kg	4.6	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.7	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.8	0.34	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.14	1
Chloroethane	ND		ug/kg	2.3	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.18	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-13 Date Collected: 01/22/15 12:47

Client ID: SB-12 (11-13') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.23	1
o-Xylene	ND		ug/kg	2.3	0.20	1
Xylene (Total)	ND		ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.16	1
1,2-Dichloroethene (total)	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	12	0.19	1
Styrene	ND		ug/kg	2.3	0.47	1
Dichlorodifluoromethane	ND		ug/kg	12	0.22	1
Acetone	ND		ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.32	1
Vinyl acetate	ND		ug/kg	12	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.19	1
2-Hexanone	ND		ug/kg	12	0.77	1
Bromochloromethane	ND		ug/kg	5.8	0.32	1
2,2-Dichloropropane	ND		ug/kg	5.8	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.8	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
Bromobenzene	ND		ug/kg	5.8	0.24	1
n-Butylbenzene	ND		ug/kg	1.2	0.13	1
sec-Butylbenzene	ND		ug/kg	1.2	0.14	1
tert-Butylbenzene	ND		ug/kg	5.8	0.16	1
o-Chlorotoluene	ND		ug/kg	5.8	0.18	1
p-Chlorotoluene	ND		ug/kg	5.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.46	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.26	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	3.9	J	ug/kg	5.8	0.16	1
Acrylonitrile	ND		ug/kg	12	0.60	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.17	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-13 Date Collected: 01/22/15 12:47

Client ID: SB-12 (11-13') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	0.16	1
1,4-Dioxane	ND		ug/kg	120	17.	1
1,4-Diethylbenzene	ND		ug/kg	4.6	0.18	1
4-Ethyltoluene	ND		ug/kg	4.6	0.14	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.15	1
Ethyl ether	ND		ug/kg	5.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	0.46	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-14
Client ID: SB-12 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/30/15 14:33
Analyst: BN
Percent Solids: 95%

Date Collected: 01/22/15 12:47
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.43	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.5	0.16	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	0.26	J	ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.5	0.32	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.17	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-14 Date Collected: 01/22/15 12:47

Client ID: SB-12 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	ND		ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
Xylene (Total)	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichloroethene (total)	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	ND		ug/kg	11	1.1	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.30	1
Vinyl acetate	ND		ug/kg	11	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.18	1
2-Hexanone	ND		ug/kg	11	0.73	1
Bromochloromethane	ND		ug/kg	5.5	0.30	1
2,2-Dichloropropane	ND		ug/kg	5.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.5	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.35	1
Bromobenzene	ND		ug/kg	5.5	0.23	1
n-Butylbenzene	ND		ug/kg	1.1	0.13	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.5	0.15	1
o-Chlorotoluene	ND		ug/kg	5.5	0.18	1
p-Chlorotoluene	ND		ug/kg	5.5	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	0.44	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.25	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
Naphthalene	1.4	J	ug/kg	5.5	0.15	1
Acrylonitrile	ND		ug/kg	11	0.56	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.5	0.16	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-14 Date Collected: 01/22/15 12:47

Client ID: SB-12 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.5	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
1,4-Diethylbenzene	ND		ug/kg	4.4	0.18	1
4-Ethyltoluene	ND		ug/kg	4.4	0.14	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.4	0.14	1
Ethyl ether	ND		ug/kg	5.5	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	0.43	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/30/15 08:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-14 Batch: WG759543-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/30/15 08:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-14 Batch: WG759543-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/30/15 08:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-14 Batch: WG759543-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/30/15 08:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-14 Batch: WG759543-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-14 Batch: WG759543-1 WG759543-2								
Methylene chloride	103		106		70-130	3		30
1,1-Dichloroethane	108		107		70-130	1		30
Chloroform	110		111		70-130	1		30
Carbon tetrachloride	119		123		70-130	3		30
1,2-Dichloropropane	102		103		70-130	1		30
Dibromochloromethane	97		104		70-130	7		30
2-Chloroethylvinyl ether	105		114		70-130	8		30
1,1,2-Trichloroethane	94		98		70-130	4		30
Tetrachloroethene	108		106		70-130	2		30
Chlorobenzene	102		102		70-130	0		30
Trichlorofluoromethane	124		126		70-139	2		30
1,2-Dichloroethane	110		115		70-130	4		30
1,1,1-Trichloroethane	117		118		70-130	1		30
Bromodichloromethane	107		112		70-130	5		30
trans-1,3-Dichloropropene	97		101		70-130	4		30
cis-1,3-Dichloropropene	102		105		70-130	3		30
1,1-Dichloropropene	112		112		70-130	0		30
Bromoform	92		98		70-130	6		30
1,1,2,2-Tetrachloroethane	89		92		70-130	3		30
Benzene	106		105		70-130	1		30
Toluene	101		100		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-14 Batch: WG759543-1 WG759543-2								
Ethylbenzene	106		106		70-130	0		30
Chloromethane	98		94		52-130	4		30
Bromomethane	94		97		57-147	3		30
Vinyl chloride	104		101		67-130	3		30
Chloroethane	136		134		50-151	1		30
1,1-Dichloroethene	97		96		65-135	1		30
trans-1,2-Dichloroethene	107		105		70-130	2		30
Trichloroethene	112		112		70-130	0		30
1,2-Dichlorobenzene	99		99		70-130	0		30
1,3-Dichlorobenzene	104		103		70-130	1		30
1,4-Dichlorobenzene	101		102		70-130	1		30
Methyl tert butyl ether	101		102		66-130	1		30
p/m-Xylene	108		107		70-130	1		30
o-Xylene	105		106		70-130	1		30
cis-1,2-Dichloroethene	106		106		70-130	0		30
Dibromomethane	101		107		70-130	6		30
Styrene	104		105		70-130	1		30
Dichlorodifluoromethane	102		99		30-146	3		30
Acetone	123		120		54-140	2		30
Carbon disulfide	87		85		59-130	2		30
2-Butanone	94		96		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-14 Batch: WG759543-1 WG759543-2								
Vinyl acetate	87		90		70-130	3		30
4-Methyl-2-pentanone	87		90		70-130	3		30
1,2,3-Trichloropropane	91		94		68-130	3		30
2-Hexanone	86		84		70-130	2		30
Bromochloromethane	104		106		70-130	2		30
2,2-Dichloropropane	116		116		70-130	0		30
1,2-Dibromoethane	92		97		70-130	5		30
1,3-Dichloropropane	95		98		69-130	3		30
1,1,1,2-Tetrachloroethane	101		105		70-130	4		30
Bromobenzene	96		97		70-130	1		30
n-Butylbenzene	117		116		70-130	1		30
sec-Butylbenzene	107		105		70-130	2		30
tert-Butylbenzene	104		103		70-130	1		30
o-Chlorotoluene	104		103		70-130	1		30
p-Chlorotoluene	104		105		70-130	1		30
1,2-Dibromo-3-chloropropane	79		86		68-130	8		30
Hexachlorobutadiene	105		104		67-130	1		30
Isopropylbenzene	108		107		70-130	1		30
p-Isopropyltoluene	109		107		70-130	2		30
Naphthalene	83		86		70-130	4		30
Acrylonitrile	89		90		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-14 Batch: WG759543-1 WG759543-2								
Isopropyl Ether	102		101		66-130	1		30
tert-Butyl Alcohol	76		79		70-130	4		30
n-Propylbenzene	107		107		70-130	0		30
1,2,3-Trichlorobenzene	96		95		70-130	1		30
1,2,4-Trichlorobenzene	102		101		70-130	1		30
1,3,5-Trimethylbenzene	106		106		70-130	0		30
1,2,4-Trimethylbenzene	106		105		70-130	1		30
Methyl Acetate	86		85		51-146	1		30
Ethyl Acetate	85		87		70-130	2		30
Acrolein	129		**131**	Q	70-130	2		30
Cyclohexane	102		99		59-142	3		30
1,4-Dioxane	89		90		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	102		98		50-139	4		30
1,4-Diethylbenzene	123		121		70-130	2		30
4-Ethyltoluene	119		116		70-130	3		30
1,2,4,5-Tetramethylbenzene	114		113		70-130	1		30
Tetrahydrofuran	91		91		66-130	0		30
Ethyl ether	112		113		67-130	1		30
trans-1,4-Dichloro-2-butene	89		97		70-130	9		30
Methyl cyclohexane	103		100		70-130	3		30
Ethyl-Tert-Butyl-Ether	101		100		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-14 Batch: WG759543-1 WG759543-2								
Tertiary-Amyl Methyl Ether	98		99		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		110		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	103		107		70-130

SEMIVOLATILES

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-01	Date Collected:	01/22/15 12:20
Client ID:	SB-5 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/26/15 13:59
Analytical Date:	01/28/15 16:47		
Analyst:	PS		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	62.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	53.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
1,2-Dichlorobenzene	ND		ug/kg	190	62.	1
1,3-Dichlorobenzene	ND		ug/kg	190	59.	1
1,4-Dichlorobenzene	ND		ug/kg	190	57.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	48.	1
Fluoranthene	240		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	57.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	43.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	66.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	57.	1
Hexachlorobutadiene	ND		ug/kg	190	53.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	50.	1
Naphthalene	ND		ug/kg	190	63.	1
Nitrobenzene	ND		ug/kg	170	45.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	56.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	49.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	46.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-01 Date Collected: 01/22/15 12:20

Client ID: SB-5 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	100	J	ug/kg	110	37.	1
Benzo(a)pyrene	72	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	100	J	ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1
Chrysene	97	J	ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	61	J	ug/kg	110	31.	1
Benzo(ghi)perylene	39	J	ug/kg	150	39.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	290		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)Pyrene	47	J	ug/kg	150	42.	1
Pyrene	190		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	430	62.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	53.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	51.	1
Dibenzofuran	ND		ug/kg	190	63.	1
2-Methylnaphthalene	ND		ug/kg	230	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	58.	1
Acetophenone	ND		ug/kg	190	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	55.	1
2-Chlorophenol	ND		ug/kg	190	57.	1
2,4-Dichlorophenol	ND		ug/kg	170	61.	1
2,4-Dimethylphenol	ND		ug/kg	190	56.	1
2-Nitrophenol	ND		ug/kg	410	59.	1
4-Nitrophenol	ND		ug/kg	260	61.	1
2,4-Dinitrophenol	ND		ug/kg	900	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	69.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	56.	1
2-Methylphenol	ND		ug/kg	190	61.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	62.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	61.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	40.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-01	Date Collected:	01/22/15 12:20
Client ID:	SB-5 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	68		18-120

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-02	Date Collected:	01/22/15 12:20
Client ID:	SB-5 (15-17')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/26/15 13:59
Analytical Date:	01/28/15 17:12		
Analyst:	PS		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	57.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	49.	1
2-Chloronaphthalene	ND		ug/kg	170	57.	1
1,2-Dichlorobenzene	ND		ug/kg	170	57.	1
1,3-Dichlorobenzene	ND		ug/kg	170	55.	1
1,4-Dichlorobenzene	ND		ug/kg	170	53.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	38.	1
2,6-Dinitrotoluene	ND		ug/kg	170	45.	1
Fluoranthene	47	J	ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	53.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	62.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	53.	1
Hexachlorobutadiene	ND		ug/kg	170	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	46.	1
Naphthalene	ND		ug/kg	170	58.	1
Nitrobenzene	ND		ug/kg	160	42.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	37.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	46.	1
Butyl benzyl phthalate	ND		ug/kg	170	34.	1
Di-n-butylphthalate	ND		ug/kg	170	34.	1
Di-n-octylphthalate	ND		ug/kg	170	43.	1
Diethyl phthalate	ND		ug/kg	170	37.	1
Dimethyl phthalate	ND		ug/kg	170	44.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-02 Date Collected: 01/22/15 12:20

Client ID: SB-5 (15-17') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	64	J	ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	39.	1
Pyrene	38	J	ug/kg	100	34.	1
Biphenyl	ND		ug/kg	400	58.	1
4-Chloroaniline	ND		ug/kg	170	46.	1
2-Nitroaniline	ND		ug/kg	170	49.	1
3-Nitroaniline	ND		ug/kg	170	48.	1
4-Nitroaniline	ND		ug/kg	170	47.	1
Dibenzofuran	ND		ug/kg	170	58.	1
2-Methylnaphthalene	ND		ug/kg	210	56.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	54.	1
Acetophenone	ND		ug/kg	170	54.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
P-Chloro-M-Cresol	ND		ug/kg	170	51.	1
2-Chlorophenol	ND		ug/kg	170	53.	1
2,4-Dichlorophenol	ND		ug/kg	160	57.	1
2,4-Dimethylphenol	ND		ug/kg	170	52.	1
2-Nitrophenol	ND		ug/kg	380	54.	1
4-Nitrophenol	ND		ug/kg	240	57.	1
2,4-Dinitrophenol	ND		ug/kg	840	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	64.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	52.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	57.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	170	54.	1
Carbazole	ND		ug/kg	170	38.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-02 Date Collected: 01/22/15 12:20

Client ID: SB-5 (15-17') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	57		18-120

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-03	Date Collected:	01/22/15 11:07
Client ID:	SB-6 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/26/15 13:59
Analytical Date:	01/28/15 17:38		
Analyst:	PS		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	57.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	49.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
1,2-Dichlorobenzene	ND		ug/kg	170	57.	1
1,3-Dichlorobenzene	ND		ug/kg	170	55.	1
1,4-Dichlorobenzene	ND		ug/kg	170	53.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	ND		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	53.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	61.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	52.	1
Hexachlorobutadiene	ND		ug/kg	170	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	46.	1
Naphthalene	ND		ug/kg	170	58.	1
Nitrobenzene	ND		ug/kg	160	41.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	34.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	43.	1
Diethyl phthalate	ND		ug/kg	170	37.	1
Dimethyl phthalate	ND		ug/kg	170	44.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-03 Date Collected: 01/22/15 11:07

Client ID: SB-6 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	34.	1
Biphenyl	ND		ug/kg	400	57.	1
4-Chloroaniline	ND		ug/kg	170	46.	1
2-Nitroaniline	ND		ug/kg	170	49.	1
3-Nitroaniline	ND		ug/kg	170	48.	1
4-Nitroaniline	ND		ug/kg	170	47.	1
Dibenzofuran	ND		ug/kg	170	58.	1
2-Methylnaphthalene	ND		ug/kg	210	55.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	54.	1
Acetophenone	ND		ug/kg	170	54.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
P-Chloro-M-Cresol	ND		ug/kg	170	50.	1
2-Chlorophenol	ND		ug/kg	170	52.	1
2,4-Dichlorophenol	ND		ug/kg	160	56.	1
2,4-Dimethylphenol	ND		ug/kg	170	52.	1
2-Nitrophenol	ND		ug/kg	370	54.	1
4-Nitrophenol	ND		ug/kg	240	56.	1
2,4-Dinitrophenol	ND		ug/kg	830	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	63.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	56.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	37.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-03	Date Collected:	01/22/15 11:07
Client ID:	SB-6 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	67		18-120

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-04	Date Collected:	01/22/15 11:07
Client ID:	SB-6 (15-17')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/26/15 13:59
Analytical Date:	01/28/15 18:04		
Analyst:	PS		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	57.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	48.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
1,2-Dichlorobenzene	ND		ug/kg	170	57.	1
1,3-Dichlorobenzene	ND		ug/kg	170	54.	1
1,4-Dichlorobenzene	ND		ug/kg	170	53.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	ND		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	53.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	61.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	52.	1
Hexachlorobutadiene	ND		ug/kg	170	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	160	46.	1
Naphthalene	ND		ug/kg	170	58.	1
Nitrobenzene	ND		ug/kg	160	41.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	34.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	43.	1
Diethyl phthalate	ND		ug/kg	170	37.	1
Dimethyl phthalate	ND		ug/kg	170	44.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-04 Date Collected: 01/22/15 11:07

Client ID: SB-6 (15-17') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	34.	1
Biphenyl	ND		ug/kg	390	57.	1
4-Chloroaniline	ND		ug/kg	170	46.	1
2-Nitroaniline	ND		ug/kg	170	49.	1
3-Nitroaniline	ND		ug/kg	170	48.	1
4-Nitroaniline	ND		ug/kg	170	47.	1
Dibenzofuran	ND		ug/kg	170	58.	1
2-Methylnaphthalene	ND		ug/kg	210	55.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	54.	1
Acetophenone	ND		ug/kg	170	54.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
P-Chloro-M-Cresol	ND		ug/kg	170	50.	1
2-Chlorophenol	ND		ug/kg	170	52.	1
2,4-Dichlorophenol	ND		ug/kg	160	56.	1
2,4-Dimethylphenol	ND		ug/kg	170	52.	1
2-Nitrophenol	ND		ug/kg	370	54.	1
4-Nitrophenol	ND		ug/kg	240	56.	1
2,4-Dinitrophenol	ND		ug/kg	830	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	63.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	56.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	37.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-04	Date Collected:	01/22/15 11:07
Client ID:	SB-6 (15-17')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	63		18-120

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-05	Date Collected:	01/22/15 14:30
Client ID:	SB-7 (9-11')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/28/15 20:56
Analytical Date:	01/30/15 14:19		
Analyst:	PS		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	57.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	49.	1
2-Chloronaphthalene	ND		ug/kg	170	57.	1
1,2-Dichlorobenzene	ND		ug/kg	170	57.	1
1,3-Dichlorobenzene	ND		ug/kg	170	55.	1
1,4-Dichlorobenzene	ND		ug/kg	170	53.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	38.	1
2,6-Dinitrotoluene	ND		ug/kg	170	45.	1
Fluoranthene	ND		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	53.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	61.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	53.	1
Hexachlorobutadiene	ND		ug/kg	170	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	46.	1
Naphthalene	ND		ug/kg	170	58.	1
Nitrobenzene	ND		ug/kg	160	42.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	37.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	46.	1
Butyl benzyl phthalate	ND		ug/kg	170	34.	1
Di-n-butylphthalate	ND		ug/kg	170	34.	1
Di-n-octylphthalate	ND		ug/kg	170	43.	1
Diethyl phthalate	ND		ug/kg	170	37.	1
Dimethyl phthalate	ND		ug/kg	170	44.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-05 Date Collected: 01/22/15 14:30

Client ID: SB-7 (9-11') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	39.	1
Pyrene	ND		ug/kg	100	34.	1
Biphenyl	ND		ug/kg	400	58.	1
4-Chloroaniline	ND		ug/kg	170	46.	1
2-Nitroaniline	ND		ug/kg	170	49.	1
3-Nitroaniline	ND		ug/kg	170	48.	1
4-Nitroaniline	ND		ug/kg	170	47.	1
Dibenzofuran	ND		ug/kg	170	58.	1
2-Methylnaphthalene	ND		ug/kg	210	56.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	54.	1
Acetophenone	ND		ug/kg	170	54.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
P-Chloro-M-Cresol	ND		ug/kg	170	50.	1
2-Chlorophenol	ND		ug/kg	170	53.	1
2,4-Dichlorophenol	ND		ug/kg	160	56.	1
2,4-Dimethylphenol	ND		ug/kg	170	52.	1
2-Nitrophenol	ND		ug/kg	380	54.	1
4-Nitrophenol	ND		ug/kg	240	56.	1
2,4-Dinitrophenol	ND		ug/kg	840	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	64.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	52.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	56.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	54.	1
Carbazole	ND		ug/kg	170	38.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-05	Date Collected:	01/22/15 14:30
Client ID:	SB-7 (9-11')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	122		10-136
4-Terphenyl-d14	104		18-120

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-06	Date Collected:	01/22/15 14:30
Client ID:	SB-7 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/28/15 20:56
Analytical Date:	01/30/15 14:45		
Analyst:	PS		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	35.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	56.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	48.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
1,2-Dichlorobenzene	ND		ug/kg	170	56.	1
1,3-Dichlorobenzene	ND		ug/kg	170	54.	1
1,4-Dichlorobenzene	ND		ug/kg	170	52.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	170		ug/kg	100	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	52.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	39.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	60.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	52.	1
Hexachlorobutadiene	ND		ug/kg	170	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	150	45.	1
Naphthalene	ND		ug/kg	170	56.	1
Nitrobenzene	ND		ug/kg	150	40.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	51.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	33.	1
Di-n-butylphthalate	100	J	ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	42.	1
Diethyl phthalate	ND		ug/kg	170	36.	1
Dimethyl phthalate	ND		ug/kg	170	43.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-06 Date Collected: 01/22/15 14:30

Client ID: SB-7 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	71	J	ug/kg	100	33.	1
Benzo(a)pyrene	52	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	79	J	ug/kg	100	34.	1
Benzo(k)fluoranthene	ND		ug/kg	100	32.	1
Chrysene	76	J	ug/kg	100	33.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	35	J	ug/kg	100	28.	1
Benzo(ghi)perylene	35	J	ug/kg	140	35.	1
Fluorene	ND		ug/kg	170	49.	1
Phenanthrene	160		ug/kg	100	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)Pyrene	38	J	ug/kg	140	38.	1
Pyrene	140		ug/kg	100	33.	1
Biphenyl	ND		ug/kg	390	56.	1
4-Chloroaniline	ND		ug/kg	170	45.	1
2-Nitroaniline	ND		ug/kg	170	48.	1
3-Nitroaniline	ND		ug/kg	170	47.	1
4-Nitroaniline	ND		ug/kg	170	46.	1
Dibenzofuran	ND		ug/kg	170	57.	1
2-Methylnaphthalene	ND		ug/kg	200	54.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	53.	1
Acetophenone	ND		ug/kg	170	53.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
P-Chloro-M-Cresol	ND		ug/kg	170	49.	1
2-Chlorophenol	ND		ug/kg	170	51.	1
2,4-Dichlorophenol	ND		ug/kg	150	55.	1
2,4-Dimethylphenol	ND		ug/kg	170	51.	1
2-Nitrophenol	ND		ug/kg	370	53.	1
4-Nitrophenol	ND		ug/kg	240	55.	1
2,4-Dinitrophenol	ND		ug/kg	820	230	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	62.	1
Pentachlorophenol	ND		ug/kg	140	36.	1
Phenol	ND		ug/kg	170	50.	1
2-Methylphenol	ND		ug/kg	170	55.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	56.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	55.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	37.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-06	Date Collected:	01/22/15 14:30
Client ID:	SB-7 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	105		25-120
Phenol-d6	105		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	116		30-120
2,4,6-Tribromophenol	136		10-136
4-Terphenyl-d14	119		18-120

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-07	Date Collected:	01/22/15 11:45
Client ID:	SB-8 (11-13')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/26/15 13:59
Analytical Date:	01/28/15 18:29		
Analyst:	PS		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	64.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	63.	1
1,2-Dichlorobenzene	ND		ug/kg	190	64.	1
1,3-Dichlorobenzene	ND		ug/kg	190	61.	1
1,4-Dichlorobenzene	ND		ug/kg	190	59.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	42.	1
2,6-Dinitrotoluene	ND		ug/kg	190	50.	1
Fluoranthene	ND		ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	59.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	45.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	68.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	59.	1
Hexachlorobutadiene	ND		ug/kg	190	55.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	120	1
Hexachloroethane	ND		ug/kg	160	35.	1
Isophorone	ND		ug/kg	170	52.	1
Naphthalene	ND		ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	58.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	51.	1
Butyl benzyl phthalate	ND		ug/kg	190	38.	1
Di-n-butylphthalate	ND		ug/kg	190	38.	1
Di-n-octylphthalate	ND		ug/kg	190	48.	1
Diethyl phthalate	ND		ug/kg	190	41.	1
Dimethyl phthalate	ND		ug/kg	190	49.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-07 Date Collected: 01/22/15 11:45

Client ID: SB-8 (11-13') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	120	38.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	39.	1
Benzo(k)fluoranthene	ND		ug/kg	120	37.	1
Chrysene	ND		ug/kg	120	38.	1
Acenaphthylene	ND		ug/kg	160	36.	1
Anthracene	ND		ug/kg	120	32.	1
Benzo(ghi)perylene	ND		ug/kg	160	40.	1
Fluorene	ND		ug/kg	190	56.	1
Phenanthrene	ND		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	38.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	43.	1
Pyrene	ND		ug/kg	120	38.	1
Biphenyl	ND		ug/kg	440	64.	1
4-Chloroaniline	ND		ug/kg	190	51.	1
2-Nitroaniline	ND		ug/kg	190	55.	1
3-Nitroaniline	ND		ug/kg	190	54.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	ND		ug/kg	190	65.	1
2-Methylnaphthalene	ND		ug/kg	230	62.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	60.	1
Acetophenone	ND		ug/kg	190	60.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
P-Chloro-M-Cresol	ND		ug/kg	190	56.	1
2-Chlorophenol	ND		ug/kg	190	59.	1
2,4-Dichlorophenol	ND		ug/kg	170	63.	1
2,4-Dimethylphenol	ND		ug/kg	190	58.	1
2-Nitrophenol	ND		ug/kg	420	61.	1
4-Nitrophenol	ND		ug/kg	270	63.	1
2,4-Dinitrophenol	ND		ug/kg	930	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	71.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	ND		ug/kg	190	58.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	64.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	63.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	42.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-07	Date Collected:	01/22/15 11:45
Client ID:	SB-8 (11-13')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	64		18-120

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-08	Date Collected:	01/22/15 11:45
Client ID:	SB-8 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/26/15 13:59
Analytical Date:	01/28/15 18:55		
Analyst:	PS		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	58.	1
Hexachlorobenzene	ND		ug/kg	110	33.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	50.	1
2-Chloronaphthalene	ND		ug/kg	180	58.	1
1,2-Dichlorobenzene	ND		ug/kg	180	58.	1
1,3-Dichlorobenzene	ND		ug/kg	180	56.	1
1,4-Dichlorobenzene	ND		ug/kg	180	54.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	38.	1
2,6-Dinitrotoluene	ND		ug/kg	180	45.	1
Fluoranthene	54	J	ug/kg	110	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	54.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	41.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	62.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	53.	1
Hexachlorobutadiene	ND		ug/kg	180	50.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	47.	1
Naphthalene	ND		ug/kg	180	59.	1
Nitrobenzene	ND		ug/kg	160	42.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	37.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	53.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	46.	1
Butyl benzyl phthalate	ND		ug/kg	180	34.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	43.	1
Diethyl phthalate	ND		ug/kg	180	37.	1
Dimethyl phthalate	ND		ug/kg	180	45.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-08 Date Collected: 01/22/15 11:45

Client ID: SB-8 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	110	34.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	36.	1
Benzo(k)fluoranthene	ND		ug/kg	110	34.	1
Chrysene	ND		ug/kg	110	35.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	110	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	37.	1
Fluorene	ND		ug/kg	180	51.	1
Phenanthrene	55	J	ug/kg	110	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	39.	1
Pyrene	43	J	ug/kg	110	34.	1
Biphenyl	ND		ug/kg	400	58.	1
4-Chloroaniline	ND		ug/kg	180	47.	1
2-Nitroaniline	ND		ug/kg	180	50.	1
3-Nitroaniline	ND		ug/kg	180	49.	1
4-Nitroaniline	ND		ug/kg	180	48.	1
Dibenzofuran	ND		ug/kg	180	59.	1
2-Methylnaphthalene	ND		ug/kg	210	56.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	55.	1
Acetophenone	ND		ug/kg	180	55.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	33.	1
P-Chloro-M-Cresol	ND		ug/kg	180	51.	1
2-Chlorophenol	ND		ug/kg	180	53.	1
2,4-Dichlorophenol	ND		ug/kg	160	57.	1
2,4-Dimethylphenol	ND		ug/kg	180	53.	1
2-Nitrophenol	ND		ug/kg	380	55.	1
4-Nitrophenol	ND		ug/kg	250	57.	1
2,4-Dinitrophenol	ND		ug/kg	850	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	65.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	52.	1
2-Methylphenol	ND		ug/kg	180	57.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	58.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	57.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	38.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-08	Date Collected:	01/22/15 11:45
Client ID:	SB-8 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	62		18-120

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-09	Date Collected:	01/22/15 14:03
Client ID:	SB-9 (9-11')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/26/15 13:59
Analytical Date:	01/28/15 19:20		
Analyst:	PS		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	35.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	56.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	48.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
1,2-Dichlorobenzene	ND		ug/kg	170	56.	1
1,3-Dichlorobenzene	ND		ug/kg	170	54.	1
1,4-Dichlorobenzene	ND		ug/kg	170	52.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	ND		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	52.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	39.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	60.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	52.	1
Hexachlorobutadiene	ND		ug/kg	170	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	150	46.	1
Naphthalene	ND		ug/kg	170	57.	1
Nitrobenzene	ND		ug/kg	150	41.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	51.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	34.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	42.	1
Diethyl phthalate	ND		ug/kg	170	36.	1
Dimethyl phthalate	ND		ug/kg	170	44.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-09 Date Collected: 01/22/15 14:03

Client ID: SB-9 (9-11') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	49.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	33.	1
Biphenyl	ND		ug/kg	390	56.	1
4-Chloroaniline	ND		ug/kg	170	45.	1
2-Nitroaniline	ND		ug/kg	170	48.	1
3-Nitroaniline	ND		ug/kg	170	47.	1
4-Nitroaniline	ND		ug/kg	170	46.	1
Dibenzofuran	ND		ug/kg	170	57.	1
2-Methylnaphthalene	ND		ug/kg	200	55.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	53.	1
Acetophenone	ND		ug/kg	170	53.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
P-Chloro-M-Cresol	ND		ug/kg	170	50.	1
2-Chlorophenol	ND		ug/kg	170	52.	1
2,4-Dichlorophenol	ND		ug/kg	150	56.	1
2,4-Dimethylphenol	ND		ug/kg	170	51.	1
2-Nitrophenol	ND		ug/kg	370	54.	1
4-Nitrophenol	ND		ug/kg	240	56.	1
2,4-Dinitrophenol	ND		ug/kg	820	230	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	63.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	55.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	56.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	56.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	37.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-09	Date Collected:	01/22/15 14:03
Client ID:	SB-9 (9-11')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	69		18-120

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-10	Date Collected:	01/22/15 14:03
Client ID:	SB-9 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/26/15 13:59
Analytical Date:	01/28/15 19:46		
Analyst:	PS		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	57.	1
Hexachlorobenzene	ND		ug/kg	100	33.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	49.	1
2-Chloronaphthalene	ND		ug/kg	170	57.	1
1,2-Dichlorobenzene	ND		ug/kg	170	57.	1
1,3-Dichlorobenzene	ND		ug/kg	170	55.	1
1,4-Dichlorobenzene	ND		ug/kg	170	53.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	38.	1
2,6-Dinitrotoluene	ND		ug/kg	170	45.	1
Fluoranthene	ND		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	53.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	62.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	53.	1
Hexachlorobutadiene	ND		ug/kg	170	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	110	1
Hexachloroethane	ND		ug/kg	140	32.	1
Isophorone	ND		ug/kg	160	46.	1
Naphthalene	ND		ug/kg	170	58.	1
Nitrobenzene	ND		ug/kg	160	42.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	37.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	46.	1
Butyl benzyl phthalate	ND		ug/kg	170	34.	1
Di-n-butylphthalate	ND		ug/kg	170	34.	1
Di-n-octylphthalate	ND		ug/kg	170	43.	1
Diethyl phthalate	ND		ug/kg	170	37.	1
Dimethyl phthalate	ND		ug/kg	170	44.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-10 Date Collected: 01/22/15 14:03

Client ID: SB-9 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	39.	1
Pyrene	ND		ug/kg	100	34.	1
Biphenyl	ND		ug/kg	400	58.	1
4-Chloroaniline	ND		ug/kg	170	46.	1
2-Nitroaniline	ND		ug/kg	170	49.	1
3-Nitroaniline	ND		ug/kg	170	48.	1
4-Nitroaniline	ND		ug/kg	170	47.	1
Dibenzofuran	ND		ug/kg	170	58.	1
2-Methylnaphthalene	ND		ug/kg	210	56.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	54.	1
Acetophenone	ND		ug/kg	170	54.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
P-Chloro-M-Cresol	ND		ug/kg	170	51.	1
2-Chlorophenol	ND		ug/kg	170	53.	1
2,4-Dichlorophenol	ND		ug/kg	160	57.	1
2,4-Dimethylphenol	ND		ug/kg	170	52.	1
2-Nitrophenol	ND		ug/kg	380	54.	1
4-Nitrophenol	ND		ug/kg	240	57.	1
2,4-Dinitrophenol	ND		ug/kg	840	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	64.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	52.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	57.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	170	54.	1
Carbazole	ND		ug/kg	170	38.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-10	Date Collected:	01/22/15 14:03
Client ID:	SB-9 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	60		18-120

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-11	Date Collected:	01/22/15 13:40
Client ID:	SB-11 (11-13')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/26/15 13:59
Analytical Date:	01/28/15 20:11		
Analyst:	PS		
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	35.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	56.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	48.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
1,2-Dichlorobenzene	ND		ug/kg	170	56.	1
1,3-Dichlorobenzene	ND		ug/kg	170	54.	1
1,4-Dichlorobenzene	ND		ug/kg	170	52.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	ND		ug/kg	100	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	52.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	39.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	60.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	52.	1
Hexachlorobutadiene	ND		ug/kg	170	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	150	46.	1
Naphthalene	ND		ug/kg	170	57.	1
Nitrobenzene	ND		ug/kg	150	41.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	51.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	33.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	42.	1
Diethyl phthalate	ND		ug/kg	170	36.	1
Dimethyl phthalate	ND		ug/kg	170	43.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-11 Date Collected: 01/22/15 13:40

Client ID: SB-11 (11-13') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	34.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	49.	1
Phenanthrene	ND		ug/kg	100	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	33.	1
Biphenyl	ND		ug/kg	390	56.	1
4-Chloroaniline	ND		ug/kg	170	45.	1
2-Nitroaniline	ND		ug/kg	170	48.	1
3-Nitroaniline	ND		ug/kg	170	47.	1
4-Nitroaniline	ND		ug/kg	170	46.	1
Dibenzofuran	ND		ug/kg	170	57.	1
2-Methylnaphthalene	ND		ug/kg	200	55.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	53.	1
Acetophenone	ND		ug/kg	170	53.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
P-Chloro-M-Cresol	ND		ug/kg	170	50.	1
2-Chlorophenol	ND		ug/kg	170	52.	1
2,4-Dichlorophenol	ND		ug/kg	150	55.	1
2,4-Dimethylphenol	ND		ug/kg	170	51.	1
2-Nitrophenol	ND		ug/kg	370	53.	1
4-Nitrophenol	ND		ug/kg	240	55.	1
2,4-Dinitrophenol	ND		ug/kg	820	230	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	63.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	55.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	56.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	55.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	37.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-11	Date Collected:	01/22/15 13:40
Client ID:	SB-11 (11-13')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	64		18-120

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-12	Date Collected:	01/22/15 13:40
Client ID:	SB-11 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/28/15 20:56
Analytical Date:	01/30/15 15:10		
Analyst:	PS		
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	35.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	56.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	48.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
1,2-Dichlorobenzene	ND		ug/kg	170	56.	1
1,3-Dichlorobenzene	ND		ug/kg	170	54.	1
1,4-Dichlorobenzene	ND		ug/kg	170	52.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	36	J	ug/kg	100	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	52.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	39.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	60.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	52.	1
Hexachlorobutadiene	ND		ug/kg	170	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	150	45.	1
Naphthalene	ND		ug/kg	170	57.	1
Nitrobenzene	ND		ug/kg	150	40.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	51.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	33.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	42.	1
Diethyl phthalate	ND		ug/kg	170	36.	1
Dimethyl phthalate	ND		ug/kg	170	43.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-12 Date Collected: 01/22/15 13:40

Client ID: SB-11 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	100	33.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	34.	1
Benzo(k)fluoranthene	ND		ug/kg	100	32.	1
Chrysene	ND		ug/kg	100	33.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	140	35.	1
Fluorene	ND		ug/kg	170	49.	1
Phenanthrene	41	J	ug/kg	100	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	33.	1
Biphenyl	ND		ug/kg	390	56.	1
4-Chloroaniline	ND		ug/kg	170	45.	1
2-Nitroaniline	ND		ug/kg	170	48.	1
3-Nitroaniline	ND		ug/kg	170	47.	1
4-Nitroaniline	ND		ug/kg	170	46.	1
Dibenzofuran	ND		ug/kg	170	57.	1
2-Methylnaphthalene	ND		ug/kg	200	54.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	53.	1
Acetophenone	ND		ug/kg	170	53.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
P-Chloro-M-Cresol	ND		ug/kg	170	49.	1
2-Chlorophenol	ND		ug/kg	170	52.	1
2,4-Dichlorophenol	ND		ug/kg	150	55.	1
2,4-Dimethylphenol	ND		ug/kg	170	51.	1
2-Nitrophenol	ND		ug/kg	370	53.	1
4-Nitrophenol	ND		ug/kg	240	55.	1
2,4-Dinitrophenol	ND		ug/kg	820	230	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	62.	1
Pentachlorophenol	ND		ug/kg	140	36.	1
Phenol	ND		ug/kg	170	50.	1
2-Methylphenol	ND		ug/kg	170	55.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	56.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	55.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	37.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-12 Date Collected: 01/22/15 13:40

Client ID: SB-11 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	112		10-136
4-Terphenyl-d14	99		18-120

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-13	Date Collected:	01/22/15 12:47
Client ID:	SB-12 (11-13')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/26/15 14:01
Analytical Date:	01/28/15 20:37		
Analyst:	PS		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	63.	1
Hexachlorobenzene	ND		ug/kg	110	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
1,2-Dichlorobenzene	ND		ug/kg	190	63.	1
1,3-Dichlorobenzene	ND		ug/kg	190	60.	1
1,4-Dichlorobenzene	ND		ug/kg	190	58.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	49.	1
Fluoranthene	ND		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	67.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	120	1
Hexachloroethane	ND		ug/kg	150	35.	1
Isophorone	ND		ug/kg	170	51.	1
Naphthalene	ND		ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	57.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	47.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	49.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-13 Date Collected: 01/22/15 12:47

Client ID: SB-12 (11-13') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	110	38.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	110	39.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1
Chrysene	ND		ug/kg	110	38.	1
Acenaphthylene	ND		ug/kg	150	36.	1
Anthracene	ND		ug/kg	110	32.	1
Benzo(ghi)perylene	ND		ug/kg	150	40.	1
Fluorene	ND		ug/kg	190	55.	1
Phenanthrene	43	J	ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	37.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	150	42.	1
Pyrene	ND		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	440	63.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	54.	1
3-Nitroaniline	ND		ug/kg	190	53.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	ND		ug/kg	190	64.	1
2-Methylnaphthalene	ND		ug/kg	230	61.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	59.	1
Acetophenone	ND		ug/kg	190	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	56.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	62.	1
2,4-Dimethylphenol	ND		ug/kg	190	57.	1
2-Nitrophenol	ND		ug/kg	410	60.	1
4-Nitrophenol	ND		ug/kg	270	62.	1
2,4-Dinitrophenol	ND		ug/kg	920	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	70.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	57.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	63.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	62.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	41.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-13	Date Collected:	01/22/15 12:47
Client ID:	SB-12 (11-13')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	67		18-120

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-14	Date Collected:	01/22/15 12:47
Client ID:	SB-12 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/26/15 14:01
Analytical Date:	01/28/15 21:02		
Analyst:	PS		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	57.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	48.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
1,2-Dichlorobenzene	ND		ug/kg	170	57.	1
1,3-Dichlorobenzene	ND		ug/kg	170	54.	1
1,4-Dichlorobenzene	ND		ug/kg	170	52.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	ND		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	53.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	61.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	52.	1
Hexachlorobutadiene	ND		ug/kg	170	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	160	46.	1
Naphthalene	ND		ug/kg	170	57.	1
Nitrobenzene	ND		ug/kg	160	41.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	52.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	34.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	42.	1
Diethyl phthalate	ND		ug/kg	170	36.	1
Dimethyl phthalate	ND		ug/kg	170	44.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-14 Date Collected: 01/22/15 12:47

Client ID: SB-12 (13-15') Date Received: 01/23/15

Sample Location: HARLEM, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	34.	1
Biphenyl	ND		ug/kg	390	57.	1
4-Chloroaniline	ND		ug/kg	170	46.	1
2-Nitroaniline	ND		ug/kg	170	49.	1
3-Nitroaniline	ND		ug/kg	170	48.	1
4-Nitroaniline	ND		ug/kg	170	47.	1
Dibenzofuran	ND		ug/kg	170	58.	1
2-Methylnaphthalene	ND		ug/kg	210	55.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	54.	1
Acetophenone	ND		ug/kg	170	54.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
P-Chloro-M-Cresol	ND		ug/kg	170	50.	1
2-Chlorophenol	ND		ug/kg	170	52.	1
2,4-Dichlorophenol	ND		ug/kg	160	56.	1
2,4-Dimethylphenol	ND		ug/kg	170	52.	1
2-Nitrophenol	ND		ug/kg	370	54.	1
4-Nitrophenol	ND		ug/kg	240	56.	1
2,4-Dinitrophenol	ND		ug/kg	830	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	63.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	56.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	37.	1

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-14	Date Collected:	01/22/15 12:47
Client ID:	SB-12 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	76		18-120

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/28/15 15:30
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 01/26/15 13:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,07-11,13-14 Batch: WG758637-1					
Acenaphthene	ND		ug/kg	130	33.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	49.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/28/15 15:30
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 01/26/15 13:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,07-11,13-14 Batch: WG758637-1					
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	33.
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
P-Chloro-M-Cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	51.

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/28/15 15:30
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 01/26/15 13:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,07-11,13-14 Batch: WG758637-1					
4-Nitrophenol	ND		ug/kg	230	52.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	52.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	68		18-120

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/30/15 10:01
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 01/28/15 20:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-06,12 Batch: WG759010-1					
Acenaphthene	ND		ug/kg	130	33.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	49.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/30/15 10:01
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 01/28/15 20:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-06,12 Batch: WG759010-1					
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
P-Chloro-M-Cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	51.

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/30/15 10:01
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 01/28/15 20:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-06,12 Batch: WG759010-1					
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	113		10-136
4-Terphenyl-d14	106		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07-11,13-14 Batch: WG758637-2 WG758637-3								
Acenaphthene	63		57		31-137	10		50
1,2,4-Trichlorobenzene	63		57		38-107	10		50
Hexachlorobenzene	60		56		40-140	7		50
Bis(2-chloroethyl)ether	66		62		40-140	6		50
2-Chloronaphthalene	64		58		40-140	10		50
1,2-Dichlorobenzene	61		57		40-140	7		50
1,3-Dichlorobenzene	62		56		40-140	10		50
1,4-Dichlorobenzene	62		56		28-104	10		50
3,3'-Dichlorobenzidine	59		54		40-140	9		50
2,4-Dinitrotoluene	70		65		28-89	7		50
2,6-Dinitrotoluene	69		65		40-140	6		50
Fluoranthene	66		63		40-140	5		50
4-Chlorophenyl phenyl ether	62		56		40-140	10		50
4-Bromophenyl phenyl ether	61		58		40-140	5		50
Bis(2-chloroisopropyl)ether	66		61		40-140	8		50
Bis(2-chloroethoxy)methane	73		64		40-117	13		50
Hexachlorobutadiene	60		54		40-140	11		50
Hexachlorocyclopentadiene	82		74		40-140	10		50
Hexachloroethane	62		59		40-140	5		50
Isophorone	76		69		40-140	10		50
Naphthalene	63		56		40-140	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07-11,13-14 Batch: WG758637-2 WG758637-3								
Nitrobenzene	72		66		40-140	9		50
NitrosoDiPhenylAmine(NDPA)/DPA	69		62		36-157	11		50
n-Nitrosodi-n-propylamine	80		72		32-121	11		50
Bis(2-Ethylhexyl)phthalate	78		74		40-140	5		50
Butyl benzyl phthalate	75		72		40-140	4		50
Di-n-butylphthalate	72		67		40-140	7		50
Di-n-octylphthalate	82		75		40-140	9		50
Diethyl phthalate	69		65		40-140	6		50
Dimethyl phthalate	67		62		40-140	8		50
Benzo(a)anthracene	64		61		40-140	5		50
Benzo(a)pyrene	64		59		40-140	8		50
Benzo(b)fluoranthene	63		58		40-140	8		50
Benzo(k)fluoranthene	59		54		40-140	9		50
Chrysene	63		58		40-140	8		50
Acenaphthylene	66		60		40-140	10		50
Anthracene	67		64		40-140	5		50
Benzo(ghi)perylene	62		57		40-140	8		50
Fluorene	65		59		40-140	10		50
Phenanthrene	63		58		40-140	8		50
Dibenzo(a,h)anthracene	64		57		40-140	12		50
Indeno(1,2,3-cd)Pyrene	65		58		40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07-11,13-14 Batch: WG758637-2 WG758637-3								
Pyrene	65		62		35-142	5		50
Biphenyl	67		60		54-104	11		50
4-Chloroaniline	67		66		40-140	2		50
2-Nitroaniline	78		71		47-134	9		50
3-Nitroaniline	47		50		26-129	6		50
4-Nitroaniline	69		67		41-125	3		50
Dibenzofuran	66		60		40-140	10		50
2-Methylnaphthalene	68		60		40-140	13		50
1,2,4,5-Tetrachlorobenzene	64		56		40-117	13		50
Acetophenone	72		64		14-144	12		50
2,4,6-Trichlorophenol	71		65		30-130	9		50
P-Chloro-M-Cresol	85		78		26-103	9		50
2-Chlorophenol	72		64		25-102	12		50
2,4-Dichlorophenol	73		66		30-130	10		50
2,4-Dimethylphenol	80		78		30-130	3		50
2-Nitrophenol	73		67		30-130	9		50
4-Nitrophenol	95		85		11-114	11		50
2,4-Dinitrophenol	56		43		4-130	26		50
4,6-Dinitro-o-cresol	63		52		10-130	19		50
Pentachlorophenol	58		55		17-109	5		50
Phenol	79		72		26-90	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07-11,13-14 Batch: WG758637-2 WG758637-3								
2-Methylphenol	78		73		30-130.	7		50
3-Methylphenol/4-Methylphenol	80		72		30-130	11		50
2,4,5-Trichlorophenol	69		65		30-130	6		50
Benzoic Acid	**5**	Q	**4**	Q	10-66	16		50
Benzyl Alcohol	83		74		40-140	11		50
Carbazole	70		65		54-128	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		66		25-120
Phenol-d6	77		69		10-120
Nitrobenzene-d5	80		70		23-120
2-Fluorobiphenyl	66		58		30-120
2,4,6-Tribromophenol	69		63		10-136
4-Terphenyl-d14	64		62		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06,12 Batch: WG759010-2 WG759010-3								
Acenaphthene	78		93		31-137	18		50
1,2,4-Trichlorobenzene	84		88		38-107	5		50
Hexachlorobenzene	86		104		40-140	19		50
Bis(2-chloroethyl)ether	70		68		40-140	3		50
2-Chloronaphthalene	83		93		40-140	11		50
1,2-Dichlorobenzene	76		71		40-140	7		50
1,3-Dichlorobenzene	76		69		40-140	10		50
1,4-Dichlorobenzene	76		69		28-104	10		50
3,3'-Dichlorobenzidine	61		80		40-140	27		50
2,4-Dinitrotoluene	88		**109**	Q	28-89	21		50
2,6-Dinitrotoluene	90		107		40-140	17		50
Fluoranthene	85		101		40-140	17		50
4-Chlorophenyl phenyl ether	83		99		40-140	18		50
4-Bromophenyl phenyl ether	84		104		40-140	21		50
Bis(2-chloroisopropyl)ether	62		63		40-140	2		50
Bis(2-chloroethoxy)methane	73		77		40-117	5		50
Hexachlorobutadiene	84		86		40-140	2		50
Hexachlorocyclopentadiene	93		100		40-140	7		50
Hexachloroethane	70		65		40-140	7		50
Isophorone	70		76		40-140	8		50
Naphthalene	77		80		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06,12 Batch: WG759010-2 WG759010-3								
Nitrobenzene	72		75		40-140	4		50
NitrosoDiPhenylAmine(NDPA)/DPA	85		104		36-157	20		50
n-Nitrosodi-n-propylamine	70		76		32-121	8		50
Bis(2-Ethylhexyl)phthalate	79		104		40-140	27		50
Butyl benzyl phthalate	81		98		40-140	19		50
Di-n-butylphthalate	80		97		40-140	19		50
Di-n-octylphthalate	81		100		40-140	21		50
Diethyl phthalate	78		96		40-140	21		50
Dimethyl phthalate	80		97		40-140	19		50
Benzo(a)anthracene	79		96		40-140	19		50
Benzo(a)pyrene	82		98		40-140	18		50
Benzo(b)fluoranthene	81		96		40-140	17		50
Benzo(k)fluoranthene	80		98		40-140	20		50
Chrysene	81		98		40-140	19		50
Acenaphthylene	83		95		40-140	13		50
Anthracene	82		100		40-140	20		50
Benzo(ghi)perylene	83		99		40-140	18		50
Fluorene	81		96		40-140	17		50
Phenanthrene	80		96		40-140	18		50
Dibenzo(a,h)anthracene	82		100		40-140	20		50
Indeno(1,2,3-cd)Pyrene	82		100		40-140	20		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06,12 Batch: WG759010-2 WG759010-3								
Pyrene	84		100		35-142	17		50
Biphenyl	83		94		54-104	12		50
4-Chloroaniline	42		50		40-140	17		50
2-Nitroaniline	89		104		47-134	16		50
3-Nitroaniline	60		74		26-129	21		50
4-Nitroaniline	79		94		41-125	17		50
Dibenzofuran	85		100		40-140	16		50
2-Methylnaphthalene	84		92		40-140	9		50
1,2,4,5-Tetrachlorobenzene	83		94		40-117	12		50
Acetophenone	76		78		14-144	3		50
2,4,6-Trichlorophenol	96		110		30-130	14		50
P-Chloro-M-Cresol	91		**107**	Q	26-103	16		50
2-Chlorophenol	84		85		25-102	1		50
2,4-Dichlorophenol	95		108		30-130	13		50
2,4-Dimethylphenol	85		94		30-130	10		50
2-Nitrophenol	90		96		30-130	6		50
4-Nitrophenol	90		110		11-114	20		50
2,4-Dinitrophenol	58		59		4-130	2		50
4,6-Dinitro-o-cresol	94		109		10-130	15		50
Pentachlorophenol	89		108		17-109	19		50
Phenol	77		84		26-90	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06,12 Batch: WG759010-2 WG759010-3								
2-Methylphenol	84		90		30-130.	7		50
3-Methylphenol/4-Methylphenol	87		95		30-130	9		50
2,4,5-Trichlorophenol	94		116		30-130	21		50
Benzoic Acid	14		13		10-66	7		50
Benzyl Alcohol	76		80		40-140	5		50
Carbazole	85		102		54-128	18		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		83		25-120
Phenol-d6	83		87		10-120
Nitrobenzene-d5	79		80		23-120
2-Fluorobiphenyl	92		101		30-120
2,4,6-Tribromophenol	109		131		10-136
4-Terphenyl-d14	95		115		18-120

PCBS

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-01	Date Collected:	01/22/15 12:20
Client ID:	SB-5 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/25/15 14:32
Analytical Date:	01/26/15 15:50	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	01/26/15
Percent Solids:	88%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/26/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.6	2.82	1	A
Aroclor 1221	ND		ug/kg	35.6	3.29	1	A
Aroclor 1232	ND		ug/kg	35.6	4.18	1	A
Aroclor 1242	ND		ug/kg	35.6	4.36	1	A
Aroclor 1248	ND		ug/kg	35.6	3.01	1	A
Aroclor 1254	ND		ug/kg	35.6	2.93	1	A
Aroclor 1260	ND		ug/kg	35.6	2.72	1	A
Aroclor 1262	ND		ug/kg	35.6	1.77	1	A
Aroclor 1268	ND		ug/kg	35.6	5.17	1	A
PCBs, Total	ND		ug/kg	35.6	1.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-02	Date Collected:	01/22/15 12:20
Client ID:	SB-5 (15-17')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/25/15 14:32
Analytical Date:	01/26/15 16:02	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	01/26/15
Percent Solids:	94%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/26/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	2.74	1	A
Aroclor 1221	ND		ug/kg	34.7	3.20	1	A
Aroclor 1232	ND		ug/kg	34.7	4.07	1	A
Aroclor 1242	ND		ug/kg	34.7	4.25	1	A
Aroclor 1248	ND		ug/kg	34.7	2.93	1	A
Aroclor 1254	ND		ug/kg	34.7	2.85	1	A
Aroclor 1260	ND		ug/kg	34.7	2.65	1	A
Aroclor 1262	ND		ug/kg	34.7	1.72	1	A
Aroclor 1268	ND		ug/kg	34.7	5.04	1	A
PCBs, Total	ND		ug/kg	34.7	1.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-03	Date Collected:	01/22/15 11:07
Client ID:	SB-6 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/25/15 14:32
Analytical Date:	01/26/15 16:15	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	01/26/15
Percent Solids:	94%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/26/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.4	2.72	1	A
Aroclor 1221	ND		ug/kg	34.4	3.17	1	A
Aroclor 1232	ND		ug/kg	34.4	4.03	1	A
Aroclor 1242	ND		ug/kg	34.4	4.21	1	A
Aroclor 1248	ND		ug/kg	34.4	2.90	1	A
Aroclor 1254	ND		ug/kg	34.4	2.83	1	A
Aroclor 1260	ND		ug/kg	34.4	2.62	1	A
Aroclor 1262	ND		ug/kg	34.4	1.71	1	A
Aroclor 1268	ND		ug/kg	34.4	4.99	1	A
PCBs, Total	ND		ug/kg	34.4	1.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-04	Date Collected:	01/22/15 11:07
Client ID:	SB-6 (15-17')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/25/15 14:32
Analytical Date:	01/26/15 16:28	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	01/26/15
Percent Solids:	95%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/26/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.5	2.65	1	A
Aroclor 1221	ND		ug/kg	33.5	3.09	1	A
Aroclor 1232	ND		ug/kg	33.5	3.93	1	A
Aroclor 1242	ND		ug/kg	33.5	4.10	1	A
Aroclor 1248	ND		ug/kg	33.5	2.83	1	A
Aroclor 1254	ND		ug/kg	33.5	2.75	1	A
Aroclor 1260	ND		ug/kg	33.5	2.55	1	A
Aroclor 1262	ND		ug/kg	33.5	1.66	1	A
Aroclor 1268	ND		ug/kg	33.5	4.86	1	A
PCBs, Total	ND		ug/kg	33.5	1.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-05	Date Collected:	01/22/15 14:30
Client ID:	SB-7 (9-11')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/28/15 10:02
Analytical Date:	01/29/15 16:09	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	01/28/15
Percent Solids:	95%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/28/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	2.75	1	A
Aroclor 1221	ND		ug/kg	34.8	3.21	1	A
Aroclor 1232	ND		ug/kg	34.8	4.08	1	A
Aroclor 1242	ND		ug/kg	34.8	4.26	1	A
Aroclor 1248	ND		ug/kg	34.8	2.94	1	A
Aroclor 1254	ND		ug/kg	34.8	2.86	1	A
Aroclor 1260	ND		ug/kg	34.8	2.65	1	A
Aroclor 1262	ND		ug/kg	34.8	1.73	1	A
Aroclor 1268	ND		ug/kg	34.8	5.05	1	A
PCBs, Total	ND		ug/kg	34.8	1.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	120		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-06	Date Collected:	01/22/15 14:30
Client ID:	SB-7 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/28/15 10:02
Analytical Date:	01/29/15 08:14	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	01/28/15
Percent Solids:	95%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/28/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	2.70	1	A
Aroclor 1221	ND		ug/kg	34.2	3.16	1	A
Aroclor 1232	ND		ug/kg	34.2	4.01	1	A
Aroclor 1242	ND		ug/kg	34.2	4.19	1	A
Aroclor 1248	ND		ug/kg	34.2	2.89	1	A
Aroclor 1254	ND		ug/kg	34.2	2.81	1	A
Aroclor 1260	ND		ug/kg	34.2	2.61	1	A
Aroclor 1262	ND		ug/kg	34.2	1.70	1	A
Aroclor 1268	ND		ug/kg	34.2	4.96	1	A
PCBs, Total	ND		ug/kg	34.2	1.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-07	Date Collected:	01/22/15 11:45
Client ID:	SB-8 (11-13')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/25/15 14:32
Analytical Date:	01/26/15 16:40	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	01/26/15
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/26/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.6	3.05	1	A
Aroclor 1221	ND		ug/kg	38.6	3.56	1	A
Aroclor 1232	ND		ug/kg	38.6	4.53	1	A
Aroclor 1242	ND		ug/kg	38.6	4.73	1	A
Aroclor 1248	ND		ug/kg	38.6	3.26	1	A
Aroclor 1254	ND		ug/kg	38.6	3.18	1	A
Aroclor 1260	ND		ug/kg	38.6	2.94	1	A
Aroclor 1262	ND		ug/kg	38.6	1.92	1	A
Aroclor 1268	ND		ug/kg	38.6	5.60	1	A
PCBs, Total	ND		ug/kg	38.6	1.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-08	Date Collected:	01/22/15 11:45
Client ID:	SB-8 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/25/15 14:32
Analytical Date:	01/26/15 16:53	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	01/26/15
Percent Solids:	94%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/26/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.7	2.66	1	A
Aroclor 1221	ND		ug/kg	33.7	3.11	1	A
Aroclor 1232	ND		ug/kg	33.7	3.95	1	A
Aroclor 1242	ND		ug/kg	33.7	4.13	1	A
Aroclor 1248	ND		ug/kg	33.7	2.85	1	A
Aroclor 1254	ND		ug/kg	33.7	2.77	1	A
Aroclor 1260	ND		ug/kg	33.7	2.57	1	A
Aroclor 1262	ND		ug/kg	33.7	1.67	1	A
Aroclor 1268	ND		ug/kg	33.7	4.89	1	A
PCBs, Total	ND		ug/kg	33.7	1.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-09	Date Collected:	01/22/15 14:03
Client ID:	SB-9 (9-11')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/25/15 14:32
Analytical Date:	01/26/15 17:05	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	01/26/15
Percent Solids:	94%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/26/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.6	2.66	1	A
Aroclor 1221	ND		ug/kg	33.6	3.10	1	A
Aroclor 1232	ND		ug/kg	33.6	3.94	1	A
Aroclor 1242	ND		ug/kg	33.6	4.12	1	A
Aroclor 1248	ND		ug/kg	33.6	2.84	1	A
Aroclor 1254	ND		ug/kg	33.6	2.76	1	A
Aroclor 1260	ND		ug/kg	33.6	2.56	1	A
Aroclor 1262	ND		ug/kg	33.6	1.67	1	A
Aroclor 1268	ND		ug/kg	33.6	4.88	1	A
PCBs, Total	ND		ug/kg	33.6	1.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-10	Date Collected:	01/22/15 14:03
Client ID:	SB-9 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/25/15 14:32
Analytical Date:	01/26/15 17:18	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	01/26/15
Percent Solids:	95%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/26/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	2.69	1	A
Aroclor 1221	ND		ug/kg	34.0	3.14	1	A
Aroclor 1232	ND		ug/kg	34.0	3.99	1	A
Aroclor 1242	ND		ug/kg	34.0	4.17	1	A
Aroclor 1248	ND		ug/kg	34.0	2.87	1	A
Aroclor 1254	ND		ug/kg	34.0	2.80	1	A
Aroclor 1260	ND		ug/kg	34.0	2.59	1	A
Aroclor 1262	ND		ug/kg	34.0	1.69	1	A
Aroclor 1268	ND		ug/kg	34.0	4.94	1	A
PCBs, Total	ND		ug/kg	34.0	1.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-11	Date Collected:	01/22/15 13:40
Client ID:	SB-11 (11-13')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/25/15 14:32
Analytical Date:	01/26/15 17:30	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	01/26/15
Percent Solids:	96%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/26/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.0	2.61	1	A
Aroclor 1221	ND		ug/kg	33.0	3.04	1	A
Aroclor 1232	ND		ug/kg	33.0	3.87	1	A
Aroclor 1242	ND		ug/kg	33.0	4.04	1	A
Aroclor 1248	ND		ug/kg	33.0	2.78	1	A
Aroclor 1254	ND		ug/kg	33.0	2.71	1	A
Aroclor 1260	ND		ug/kg	33.0	2.52	1	A
Aroclor 1262	ND		ug/kg	33.0	1.64	1	A
Aroclor 1268	ND		ug/kg	33.0	4.78	1	A
PCBs, Total	ND		ug/kg	33.0	1.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-12	Date Collected:	01/22/15 13:40
Client ID:	SB-11 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/25/15 14:32
Analytical Date:	01/26/15 17:43	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	01/26/15
Percent Solids:	96%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/26/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.4	2.64	1	A
Aroclor 1221	ND		ug/kg	33.4	3.08	1	A
Aroclor 1232	ND		ug/kg	33.4	3.91	1	A
Aroclor 1242	ND		ug/kg	33.4	4.08	1	A
Aroclor 1248	ND		ug/kg	33.4	2.82	1	A
Aroclor 1254	ND		ug/kg	33.4	2.74	1	A
Aroclor 1260	ND		ug/kg	33.4	2.54	1	A
Aroclor 1262	ND		ug/kg	33.4	1.66	1	A
Aroclor 1268	ND		ug/kg	33.4	4.84	1	A
PCBs, Total	ND		ug/kg	33.4	1.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-13	Date Collected:	01/22/15 12:47
Client ID:	SB-12 (11-13')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/25/15 14:32
Analytical Date:	01/26/15 17:56	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	01/26/15
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/26/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	2.96	1	A
Aroclor 1221	ND		ug/kg	37.5	3.46	1	A
Aroclor 1232	ND		ug/kg	37.5	4.39	1	A
Aroclor 1242	ND		ug/kg	37.5	4.59	1	A
Aroclor 1248	ND		ug/kg	37.5	3.16	1	A
Aroclor 1254	ND		ug/kg	37.5	3.08	1	A
Aroclor 1260	ND		ug/kg	37.5	2.86	1	A
Aroclor 1262	ND		ug/kg	37.5	1.86	1	A
Aroclor 1268	ND		ug/kg	37.5	5.44	1	A
PCBs, Total	ND		ug/kg	37.5	1.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-14	Date Collected:	01/22/15 12:47
Client ID:	SB-12 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/25/15 14:32
Analytical Date:	01/26/15 18:08	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	01/26/15
Percent Solids:	95%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/26/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	2.70	1	A
Aroclor 1221	ND		ug/kg	34.2	3.15	1	A
Aroclor 1232	ND		ug/kg	34.2	4.01	1	A
Aroclor 1242	ND		ug/kg	34.2	4.18	1	A
Aroclor 1248	ND		ug/kg	34.2	2.88	1	A
Aroclor 1254	ND		ug/kg	34.2	2.81	1	A
Aroclor 1260	ND		ug/kg	34.2	2.60	1	A
Aroclor 1262	ND		ug/kg	34.2	1.70	1	A
Aroclor 1268	ND		ug/kg	34.2	4.96	1	A
PCBs, Total	ND		ug/kg	34.2	1.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: CREATE LLC

Project Number: 28581.00

Lab Number: L1501591

Report Date: 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/26/15 18:46
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 01/25/15 14:32
Cleanup Method: EPA 3665A
Cleanup Date: 01/26/15
Cleanup Method: EPA 3660B
Cleanup Date: 01/26/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04,07-14 Batch: WG758426-1						
Aroclor 1016	ND		ug/kg	32.2	2.54	A
Aroclor 1221	ND		ug/kg	32.2	2.97	A
Aroclor 1232	ND		ug/kg	32.2	3.78	A
Aroclor 1242	ND		ug/kg	32.2	3.94	A
Aroclor 1248	ND		ug/kg	32.2	2.72	A
Aroclor 1254	ND		ug/kg	32.2	2.65	A
Aroclor 1260	ND		ug/kg	32.2	2.45	A
Aroclor 1262	ND		ug/kg	32.2	1.60	A
Aroclor 1268	ND		ug/kg	32.2	4.67	A
PCBs, Total	ND		ug/kg	32.2	1.60	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: CREATE LLC

Project Number: 28581.00

Lab Number: L1501591

Report Date: 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/29/15 05:20
Analyst: JT

Extraction Method: EPA 3546
Extraction Date: 01/28/15 10:02
Cleanup Method: EPA 3665A
Cleanup Date: 01/28/15
Cleanup Method: EPA 3660B
Cleanup Date: 01/28/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05-06 Batch: WG758786-1						
Aroclor 1016	ND		ug/kg	32.6	2.58	A
Aroclor 1221	ND		ug/kg	32.6	3.01	A
Aroclor 1232	ND		ug/kg	32.6	3.82	A
Aroclor 1242	ND		ug/kg	32.6	3.99	A
Aroclor 1248	ND		ug/kg	32.6	2.75	A
Aroclor 1254	ND		ug/kg	32.6	2.68	A
Aroclor 1260	ND		ug/kg	32.6	2.49	A
Aroclor 1262	ND		ug/kg	32.6	1.62	A
Aroclor 1268	ND		ug/kg	32.6	4.73	A
PCBs, Total	ND		ug/kg	32.6	1.62	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	67		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04,07-14 Batch: WG758426-2 WG758426-3									
Aroclor 1016	82		76		40-140	8		50	A
Aroclor 1260	94		90		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		60		30-150	A
Decachlorobiphenyl	107		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		60		30-150	B
Decachlorobiphenyl	108		85		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05-06 Batch: WG758786-2 WG758786-3									
Aroclor 1016	79		98		40-140	21		50	A
Aroclor 1260	59		69		40-140	16		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		90		30-150	A
Decachlorobiphenyl	59		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		87		30-150	B
Decachlorobiphenyl	67		73		30-150	B

PESTICIDES

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-01	Date Collected:	01/22/15 12:20
Client ID:	SB-5 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/26/15 11:20
Analytical Date:	01/29/15 19:34	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	01/29/15
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.346	1	A
Lindane	ND		ug/kg	0.737	0.329	1	A
Alpha-BHC	ND		ug/kg	0.737	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.671	1	A
Heptachlor	ND		ug/kg	0.884	0.396	1	A
Aldrin	ND		ug/kg	1.77	0.623	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.995	1	A
Endrin	ND		ug/kg	0.737	0.302	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	ND		ug/kg	1.10	0.553	1	A
4,4'-DDE	ND		ug/kg	1.77	0.409	1	A
4,4'-DDD	ND		ug/kg	1.77	0.631	1	A
4,4'-DDT	ND		ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.591	1	A
Endosulfan sulfate	ND		ug/kg	0.737	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.29	1	A
cis-Chlordane	ND		ug/kg	2.21	0.616	1	A
trans-Chlordane	ND		ug/kg	2.21	0.584	1	A
Chlordane	ND		ug/kg	14.4	5.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	52		30-150	B
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	54		30-150	A

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-02	Date Collected:	01/22/15 12:20
Client ID:	SB-5 (15-17')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/26/15 11:20
Analytical Date:	01/29/15 19:50	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	01/29/15
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.328	1	A
Lindane	ND		ug/kg	0.699	0.312	1	A
Alpha-BHC	ND		ug/kg	0.699	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.838	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.590	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.943	1	A
Endrin	ND		ug/kg	0.699	0.286	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.598	1	A
4,4'-DDT	ND		ug/kg	3.14	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.978	1	A
Toxaphene	ND		ug/kg	31.4	8.80	1	A
cis-Chlordane	ND		ug/kg	2.10	0.584	1	A
trans-Chlordane	ND		ug/kg	2.10	0.553	1	A
Chlordane	ND		ug/kg	13.6	5.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	75		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	70		30-150	A

Project Name: CREATE LLC
Project Number: 28581.00
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SAMPLE RESULTS

Lab ID:	L1501591-03	Date Collected:	01/22/15 11:07
Client ID:	SB-6 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/26/15 11:20
Analytical Date:	01/29/15 20:23	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	01/29/15
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.318	1	A
Lindane	ND		ug/kg	0.677	0.303	1	A
Alpha-BHC	ND		ug/kg	0.677	0.192	1	A
Beta-BHC	ND		ug/kg	1.62	0.616	1	A
Heptachlor	ND		ug/kg	0.813	0.364	1	A
Aldrin	ND		ug/kg	1.62	0.572	1	A
Heptachlor epoxide	ND		ug/kg	3.05	0.914	1	A
Endrin	ND		ug/kg	0.677	0.278	1	A
Endrin ketone	ND		ug/kg	1.62	0.418	1	A
Dieldrin	ND		ug/kg	1.02	0.508	1	A
4,4'-DDE	ND		ug/kg	1.62	0.376	1	A
4,4'-DDD	ND		ug/kg	1.62	0.580	1	A
4,4'-DDT	ND		ug/kg	3.05	1.31	1	A
Endosulfan I	ND		ug/kg	1.62	0.384	1	A
Endosulfan II	ND		ug/kg	1.62	0.543	1	A
Endosulfan sulfate	ND		ug/kg	0.677	0.322	1	A
Methoxychlor	ND		ug/kg	3.05	0.948	1	A
Toxaphene	ND		ug/kg	30.5	8.53	1	A
cis-Chlordane	ND		ug/kg	2.03	0.566	1	A
trans-Chlordane	ND		ug/kg	2.03	0.536	1	A
Chlordane	ND		ug/kg	13.2	5.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	68		30-150	A

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-04	Date Collected:	01/22/15 11:07
Client ID:	SB-6 (15-17')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/26/15 11:20
Analytical Date:	01/29/15 20:39	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	01/29/15
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.317	1	A
Lindane	ND		ug/kg	0.674	0.301	1	A
Alpha-BHC	ND		ug/kg	0.674	0.191	1	A
Beta-BHC	ND		ug/kg	1.62	0.613	1	A
Heptachlor	0.684	J	ug/kg	0.809	0.363	1	A
Aldrin	ND		ug/kg	1.62	0.570	1	A
Heptachlor epoxide	ND		ug/kg	3.03	0.910	1	A
Endrin	ND		ug/kg	0.674	0.276	1	A
Endrin ketone	ND		ug/kg	1.62	0.416	1	A
Dieldrin	ND		ug/kg	1.01	0.506	1	A
4,4'-DDE	ND		ug/kg	1.62	0.374	1	A
4,4'-DDD	ND		ug/kg	1.62	0.577	1	A
4,4'-DDT	ND		ug/kg	3.03	1.30	1	A
Endosulfan I	ND		ug/kg	1.62	0.382	1	A
Endosulfan II	ND		ug/kg	1.62	0.540	1	A
Endosulfan sulfate	ND		ug/kg	0.674	0.321	1	A
Methoxychlor	ND		ug/kg	3.03	0.944	1	A
Toxaphene	ND		ug/kg	30.3	8.49	1	A
cis-Chlordane	1.20	J	ug/kg	2.02	0.563	1	A
trans-Chlordane	1.18	J	ug/kg	2.02	0.534	1	B
Chlordane	9.28	J	ug/kg	13.1	5.36	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	68		30-150	B
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	64		30-150	A

Project Name: CREATE LLC
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SAMPLE RESULTS

Lab ID:	L1501591-05	Date Collected:	01/22/15 14:30
Client ID:	SB-7 (9-11')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/28/15 12:13
Analytical Date:	01/30/15 11:21	Cleanup Method:	EPA 3620B
Analyst:	TQ	Cleanup Date:	01/28/15
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.700	0.313	1	A
Alpha-BHC	ND		ug/kg	0.700	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.637	1	A
Heptachlor	ND		ug/kg	0.840	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.944	1	A
Endrin	ND		ug/kg	0.700	0.287	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.525	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.599	1	A
4,4'-DDT	ND		ug/kg	3.15	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.561	1	A
Endosulfan sulfate	ND		ug/kg	0.700	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.979	1	A
Toxaphene	ND		ug/kg	31.5	8.81	1	A
cis-Chlordane	ND		ug/kg	2.10	0.585	1	A
trans-Chlordane	ND		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	13.6	5.56	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		30-150	B
Decachlorobiphenyl	78		30-150	B
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	53		30-150	A

Project Name: CREATE LLC
Project Number: 28581.00
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SAMPLE RESULTS

Lab ID:	L1501591-06	Date Collected:	01/22/15 14:30
Client ID:	SB-7 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/28/15 12:13
Analytical Date:	01/29/15 19:13	Cleanup Method:	EPA 3620B
Analyst:	TQ	Cleanup Date:	01/28/15
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.685	0.306	1	A
Alpha-BHC	ND		ug/kg	0.685	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.623	1	A
Heptachlor	ND		ug/kg	0.822	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.579	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.925	1	A
Endrin	ND		ug/kg	0.685	0.281	1	A
Endrin ketone	ND		ug/kg	1.64	0.423	1	A
Dieldrin	ND		ug/kg	1.03	0.514	1	A
4,4'-DDE	ND		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.586	1	A
4,4'-DDT	ND		ug/kg	3.08	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.549	1	A
Endosulfan sulfate	ND		ug/kg	0.685	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.959	1	A
Toxaphene	ND		ug/kg	30.8	8.63	1	A
cis-Chlordane	ND		ug/kg	2.06	0.573	1	A
trans-Chlordane	ND		ug/kg	2.06	0.542	1	A
Chlordane	ND		ug/kg	13.4	5.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	68		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	59		30-150	A

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
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SAMPLE RESULTS

Lab ID:	L1501591-07	Date Collected:	01/22/15 11:45
Client ID:	SB-8 (11-13')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/26/15 11:20
Analytical Date:	01/29/15 20:55	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	01/29/15
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.749	0.335	1	A
Alpha-BHC	ND		ug/kg	0.749	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.682	1	A
Heptachlor	1.21		ug/kg	0.899	0.403	1	A
Aldrin	ND		ug/kg	1.80	0.633	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.749	0.307	1	A
Endrin ketone	ND		ug/kg	1.80	0.463	1	A
Dieldrin	ND		ug/kg	1.12	0.562	1	A
4,4'-DDE	10.4		ug/kg	1.80	0.416	1	B
4,4'-DDD	0.929	J	ug/kg	1.80	0.641	1	B
4,4'-DDT	10.2		ug/kg	3.37	1.45	1	B
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.601	1	A
Endosulfan sulfate	ND		ug/kg	0.749	0.357	1	A
Methoxychlor	13.4		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.44	1	A
cis-Chlordane	1.19	JPI	ug/kg	2.25	0.626	1	B
trans-Chlordane	3.39	P	ug/kg	2.25	0.593	1	B
Chlordane	20.4		ug/kg	14.6	5.96	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	62		30-150	A

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-08	Date Collected:	01/22/15 11:45
Client ID:	SB-8 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/26/15 11:20
Analytical Date:	01/29/15 21:11	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	01/29/15
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.694	0.310	1	A
Alpha-BHC	ND		ug/kg	0.694	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.694	0.284	1	A
Endrin ketone	ND		ug/kg	1.66	0.429	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	12.5		ug/kg	1.66	0.385	1	B
4,4'-DDD	1.62	J	ug/kg	1.66	0.594	1	B
4,4'-DDT	22.1		ug/kg	3.12	1.34	1	B
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.694	0.330	1	A
Methoxychlor	13.5		ug/kg	3.12	0.971	1	A
Toxaphene	ND		ug/kg	31.2	8.74	1	A
cis-Chlordane	ND		ug/kg	2.08	0.580	1	A
trans-Chlordane	ND		ug/kg	2.08	0.549	1	A
Chlordane	ND		ug/kg	13.5	5.51	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	71		30-150	B
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	67		30-150	A

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
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SAMPLE RESULTS

Lab ID:	L1501591-09	Date Collected:	01/22/15 14:03
Client ID:	SB-9 (9-11')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/26/15 11:20
Analytical Date:	01/29/15 21:28	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	01/29/15
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.328	1	A
Lindane	ND		ug/kg	0.697	0.312	1	A
Alpha-BHC	ND		ug/kg	0.697	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.634	1	A
Heptachlor	ND		ug/kg	0.837	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.589	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.941	1	A
Endrin	ND		ug/kg	0.697	0.286	1	A
Endrin ketone	ND		ug/kg	1.67	0.431	1	A
Dieldrin	ND		ug/kg	1.04	0.523	1	A
4,4'-DDE	ND		ug/kg	1.67	0.387	1	A
4,4'-DDD	ND		ug/kg	1.67	0.597	1	A
4,4'-DDT	ND		ug/kg	3.14	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	ND		ug/kg	0.697	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.976	1	A
Toxaphene	ND		ug/kg	31.4	8.79	1	A
cis-Chlordane	ND		ug/kg	2.09	0.583	1	A
trans-Chlordane	ND		ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.6	5.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	55		30-150	B
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	53		30-150	A

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-10	Date Collected:	01/22/15 14:03
Client ID:	SB-9 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/26/15 11:20
Analytical Date:	01/29/15 21:44	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	01/29/15
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.630	1	A
Heptachlor	ND		ug/kg	0.831	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.585	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.935	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	ND		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.593	1	A
4,4'-DDT	ND		ug/kg	3.12	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.970	1	A
Toxaphene	ND		ug/kg	31.2	8.73	1	A
cis-Chlordane	ND		ug/kg	2.08	0.579	1	A
trans-Chlordane	ND		ug/kg	2.08	0.549	1	A
Chlordane	ND		ug/kg	13.5	5.51	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	77		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	74		30-150	A

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-11	Date Collected:	01/22/15 13:40
Client ID:	SB-11 (11-13')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/26/15 11:20
Analytical Date:	01/29/15 22:00	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	01/29/15
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.59	0.311	1	A
Lindane	ND		ug/kg	0.661	0.295	1	A
Alpha-BHC	ND		ug/kg	0.661	0.188	1	A
Beta-BHC	ND		ug/kg	1.59	0.601	1	A
Heptachlor	ND		ug/kg	0.793	0.356	1	A
Aldrin	ND		ug/kg	1.59	0.558	1	A
Heptachlor epoxide	ND		ug/kg	2.97	0.892	1	A
Endrin	ND		ug/kg	0.661	0.271	1	A
Endrin ketone	ND		ug/kg	1.59	0.408	1	A
Dieldrin	ND		ug/kg	0.991	0.496	1	A
4,4'-DDE	ND		ug/kg	1.59	0.367	1	A
4,4'-DDD	ND		ug/kg	1.59	0.566	1	A
4,4'-DDT	ND		ug/kg	2.97	1.28	1	A
Endosulfan I	ND		ug/kg	1.59	0.375	1	A
Endosulfan II	ND		ug/kg	1.59	0.530	1	A
Endosulfan sulfate	ND		ug/kg	0.661	0.315	1	A
Methoxychlor	ND		ug/kg	2.97	0.925	1	A
Toxaphene	ND		ug/kg	29.7	8.33	1	A
cis-Chlordane	ND		ug/kg	1.98	0.552	1	A
trans-Chlordane	ND		ug/kg	1.98	0.523	1	A
Chlordane	ND		ug/kg	12.9	5.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	64		30-150	B
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	60		30-150	A

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-12	Date Collected:	01/22/15 13:40
Client ID:	SB-11 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/26/15 11:20
Analytical Date:	01/29/15 22:17	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	01/29/15
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.59	0.312	1	A
Lindane	ND		ug/kg	0.664	0.297	1	A
Alpha-BHC	ND		ug/kg	0.664	0.189	1	A
Beta-BHC	ND		ug/kg	1.59	0.604	1	A
Heptachlor	ND		ug/kg	0.797	0.357	1	A
Aldrin	ND		ug/kg	1.59	0.561	1	A
Heptachlor epoxide	ND		ug/kg	2.99	0.896	1	A
Endrin	ND		ug/kg	0.664	0.272	1	A
Endrin ketone	ND		ug/kg	1.59	0.410	1	A
Dieldrin	ND		ug/kg	0.996	0.498	1	A
4,4'-DDE	ND		ug/kg	1.59	0.368	1	A
4,4'-DDD	ND		ug/kg	1.59	0.568	1	A
4,4'-DDT	ND		ug/kg	2.99	1.28	1	A
Endosulfan I	ND		ug/kg	1.59	0.376	1	A
Endosulfan II	ND		ug/kg	1.59	0.533	1	A
Endosulfan sulfate	ND		ug/kg	0.664	0.316	1	A
Methoxychlor	ND		ug/kg	2.99	0.930	1	A
Toxaphene	ND		ug/kg	29.9	8.37	1	A
cis-Chlordane	ND		ug/kg	1.99	0.555	1	A
trans-Chlordane	ND		ug/kg	1.99	0.526	1	A
Chlordane	ND		ug/kg	13.0	5.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	60		30-150	B
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	55		30-150	A

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-13	Date Collected:	01/22/15 12:47
Client ID:	SB-12 (11-13')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/26/15 11:20
Analytical Date:	01/29/15 22:33	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	01/29/15
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.758	0.339	1	A
Alpha-BHC	ND		ug/kg	0.758	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.689	1	A
Heptachlor	ND		ug/kg	0.909	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.758	0.311	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.14	0.568	1	A
4,4'-DDE	ND		ug/kg	1.82	0.420	1	A
4,4'-DDD	ND		ug/kg	1.82	0.648	1	A
4,4'-DDT	ND		ug/kg	3.41	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.608	1	A
Endosulfan sulfate	ND		ug/kg	0.758	0.361	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.55	1	A
cis-Chlordane	ND		ug/kg	2.27	0.633	1	A
trans-Chlordane	ND		ug/kg	2.27	0.600	1	A
Chlordane	ND		ug/kg	14.8	6.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	74		30-150	A

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID:	L1501591-14	Date Collected:	01/22/15 12:47
Client ID:	SB-12 (13-15')	Date Received:	01/23/15
Sample Location:	HARLEM, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/26/15 11:20
Analytical Date:	01/29/15 22:49	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	01/29/15
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.685	0.306	1	A
Alpha-BHC	ND		ug/kg	0.685	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.623	1	A
Heptachlor	0.409	J	ug/kg	0.822	0.368	1	B
Aldrin	ND		ug/kg	1.64	0.578	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.924	1	A
Endrin	ND		ug/kg	0.685	0.281	1	A
Endrin ketone	ND		ug/kg	1.64	0.423	1	A
Dieldrin	ND		ug/kg	1.03	0.513	1	A
4,4'-DDE	ND		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.586	1	A
4,4'-DDT	ND		ug/kg	3.08	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.549	1	A
Endosulfan sulfate	ND		ug/kg	0.685	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.958	1	A
Toxaphene	ND		ug/kg	30.8	8.63	1	A
cis-Chlordane	ND		ug/kg	2.05	0.572	1	A
trans-Chlordane	ND		ug/kg	2.05	0.542	1	A
Chlordane	ND		ug/kg	13.4	5.44	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	72		30-150	B
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	68		30-150	A

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/29/15 18:45
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 01/26/15 11:20
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04,07-14 Batch: WG758560-1						
Delta-BHC	ND		ug/kg	1.51	0.295	A
Lindane	ND		ug/kg	0.628	0.281	A
Alpha-BHC	ND		ug/kg	0.628	0.178	A
Beta-BHC	ND		ug/kg	1.51	0.572	A
Heptachlor	ND		ug/kg	0.754	0.338	A
Aldrin	ND		ug/kg	1.51	0.531	A
Heptachlor epoxide	ND		ug/kg	2.83	0.848	A
Endrin	ND		ug/kg	0.628	0.258	A
Endrin ketone	ND		ug/kg	1.51	0.388	A
Dieldrin	ND		ug/kg	0.943	0.471	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.538	A
4,4'-DDT	ND		ug/kg	2.83	1.21	A
Endosulfan I	ND		ug/kg	1.51	0.356	A
Endosulfan II	ND		ug/kg	1.51	0.504	A
Endosulfan sulfate	ND		ug/kg	0.628	0.299	A
Methoxychlor	ND		ug/kg	2.83	0.880	A
Toxaphene	ND		ug/kg	28.3	7.92	A
cis-Chlordane	0.576	J	ug/kg	1.88	0.525	A
trans-Chlordane	ND		ug/kg	1.88	0.498	A
Chlordane	ND		ug/kg	12.2	5.00	B

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/29/15 18:45
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 01/26/15 11:20
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/15

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04,07-14 Batch: WG758560-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	79		30-150	A

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/29/15 10:18
Analyst: TQ

Extraction Method: EPA 3546
Extraction Date: 01/28/15 12:13
Cleanup Method: EPA 3620B
Cleanup Date: 01/28/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05-06 Batch: WG758847-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.641	0.286	A
Alpha-BHC	ND		ug/kg	0.641	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.583	A
Heptachlor	ND		ug/kg	0.769	0.345	A
Aldrin	ND		ug/kg	1.54	0.541	A
Heptachlor epoxide	ND		ug/kg	2.88	0.865	A
Endrin	ND		ug/kg	0.641	0.263	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.961	0.480	A
4,4'-DDE	ND		ug/kg	1.54	0.356	A
4,4'-DDD	ND		ug/kg	1.54	0.548	A
4,4'-DDT	ND		ug/kg	2.88	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.514	A
Endosulfan sulfate	ND		ug/kg	0.641	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.897	A
Toxaphene	ND		ug/kg	28.8	8.07	A
cis-Chlordane	ND		ug/kg	1.92	0.536	A
trans-Chlordane	ND		ug/kg	1.92	0.507	A
Chlordane	ND		ug/kg	12.5	5.09	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	72		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	62		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04,07-14 Batch: WG758560-2 WG758560-3									
Delta-BHC	73		68		30-150	7		30	A
Lindane	83		81		30-150	2		30	A
Alpha-BHC	93		91		30-150	2		30	A
Beta-BHC	93		92		30-150	1		30	A
Heptachlor	86		84		30-150	2		30	A
Aldrin	84		82		30-150	2		30	A
Heptachlor epoxide	79		79		30-150	0		30	A
Endrin	89		89		30-150	0		30	A
Endrin ketone	70		70		30-150	0		30	A
Dieldrin	84		83		30-150	1		30	A
4,4'-DDE	79		79		30-150	0		30	A
4,4'-DDD	84		84		30-150	0		30	A
4,4'-DDT	88		89		30-150	1		30	A
Endosulfan I	77		77		30-150	0		30	A
Endosulfan II	72		72		30-150	0		30	A
Endosulfan sulfate	67		65		30-150	3		30	A
Methoxychlor	95		94		30-150	1		30	A
cis-Chlordane	78		77		30-150	1		30	A
trans-Chlordane	87		87		30-150	0		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04,07-14 Batch: WG758560-2 WG758560-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		72		30-150	B
Decachlorobiphenyl	70		70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	71		65		30-150	A
Decachlorobiphenyl	69		67		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05-06 Batch: WG758847-2 WG758847-3									
Delta-BHC	63		67		30-150	6		30	A
Lindane	69		74		30-150	7		30	A
Alpha-BHC	77		82		30-150	6		30	A
Beta-BHC	73		81		30-150	10		30	A
Heptachlor	77		82		30-150	6		30	A
Aldrin	76		81		30-150	6		30	A
Heptachlor epoxide	75		80		30-150	6		30	A
Endrin	74		80		30-150	8		30	A
Endrin ketone	52		57		30-150	9		30	A
Dieldrin	74		79		30-150	7		30	A
4,4'-DDE	78		84		30-150	7		30	A
4,4'-DDD	82		87		30-150	6		30	A
4,4'-DDT	70		76		30-150	8		30	A
Endosulfan I	69		73		30-150	6		30	A
Endosulfan II	67		73		30-150	9		30	A
Endosulfan sulfate	48		52		30-150	8		30	A
Methoxychlor	65		71		30-150	9		30	A
cis-Chlordane	72		76		30-150	5		30	A
trans-Chlordane	76		80		30-150	5		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05-06 Batch: WG758847-2 WG758847-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		84		30-150	B
Decachlorobiphenyl	70		82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	73		75		30-150	A
Decachlorobiphenyl	62		67		30-150	A

METALS

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-01
Client ID: SB-5 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil
Percent Solids: 88%

Date Collected: 01/22/15 12:20
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7400		mg/kg	8.7	1.7	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.70	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Arsenic, Total	6.0		mg/kg	0.87	0.17	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Barium, Total	38		mg/kg	0.87	0.26	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Beryllium, Total	0.30	J	mg/kg	0.43	0.09	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.87	0.06	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Calcium, Total	720		mg/kg	8.7	2.6	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Chromium, Total	11		mg/kg	0.87	0.17	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Cobalt, Total	5.0		mg/kg	1.7	0.43	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.87	0.17	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Iron, Total	12000		mg/kg	4.3	1.7	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Lead, Total	19		mg/kg	4.3	0.17	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Magnesium, Total	2300		mg/kg	8.7	0.87	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Manganese, Total	300		mg/kg	0.87	0.17	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Mercury, Total	0.17		mg/kg	0.07	0.02	1	01/24/15 13:30	01/29/15 13:57	EPA 7471B	1,7471B	MC
Nickel, Total	13		mg/kg	2.2	0.35	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Potassium, Total	440		mg/kg	220	35.	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.87	0.17	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Sodium, Total	57	J	mg/kg	170	26.	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.35	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Vanadium, Total	12		mg/kg	0.87	0.09	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT
Zinc, Total	32		mg/kg	4.3	0.61	2	01/29/15 17:13	01/29/15 22:13	EPA 3050B	1,6010C	TT

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-02
Client ID: SB-5 (15-17')
Sample Location: HARLEM, NY
Matrix: Soil
Percent Solids: 94%

Date Collected: 01/22/15 12:20
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7000		mg/kg	7.9	1.6	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.0	0.64	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Arsenic, Total	3.7		mg/kg	0.79	0.16	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Barium, Total	25		mg/kg	0.79	0.24	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Beryllium, Total	0.25	J	mg/kg	0.40	0.08	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.79	0.06	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Calcium, Total	1100		mg/kg	7.9	2.4	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.79	0.16	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Cobalt, Total	5.5		mg/kg	1.6	0.40	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.79	0.16	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Iron, Total	10000		mg/kg	4.0	1.6	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Lead, Total	1.2	J	mg/kg	4.0	0.16	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Magnesium, Total	2800		mg/kg	7.9	0.79	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Manganese, Total	250		mg/kg	0.79	0.16	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.02	1	01/24/15 13:30	01/29/15 14:13	EPA 7471B	1,7471B	MC
Nickel, Total	14		mg/kg	2.0	0.32	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Potassium, Total	860		mg/kg	200	32.	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.24	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.79	0.16	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Sodium, Total	210		mg/kg	160	24.	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.32	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Vanadium, Total	14		mg/kg	0.79	0.08	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT
Zinc, Total	18		mg/kg	4.0	0.56	2	01/29/15 17:13	01/29/15 22:28	EPA 3050B	1,6010C	TT

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-03
Client ID: SB-6 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil
Percent Solids: 94%

Date Collected: 01/22/15 11:07
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5400		mg/kg	8.2	1.6	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.1	0.66	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Arsenic, Total	4.2		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Barium, Total	50		mg/kg	0.82	0.25	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Beryllium, Total	0.29	J	mg/kg	0.41	0.08	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.82	0.06	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Calcium, Total	1800		mg/kg	8.2	2.5	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Cobalt, Total	5.4		mg/kg	1.6	0.41	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Copper, Total	17		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Iron, Total	9900		mg/kg	4.1	1.6	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Lead, Total	2.7	J	mg/kg	4.1	0.16	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Magnesium, Total	2600		mg/kg	8.2	0.82	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Manganese, Total	270		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.02	1	01/24/15 13:30	01/29/15 14:14	EPA 7471B	1,7471B	MC
Nickel, Total	13		mg/kg	2.0	0.33	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Potassium, Total	1200		mg/kg	200	33.	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.25	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Sodium, Total	180		mg/kg	160	25.	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.33	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Vanadium, Total	16		mg/kg	0.82	0.08	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT
Zinc, Total	15		mg/kg	4.1	0.57	2	01/29/15 17:13	01/29/15 22:51	EPA 3050B	1,6010C	TT

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-04
Client ID: SB-6 (15-17')
Sample Location: HARLEM, NY
Matrix: Soil
Percent Solids: 95%

Date Collected: 01/22/15 11:07
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5200		mg/kg	8.1	1.6	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.1	0.65	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Arsenic, Total	3.9		mg/kg	0.81	0.16	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Barium, Total	45		mg/kg	0.81	0.24	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Beryllium, Total	0.29	J	mg/kg	0.41	0.08	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.81	0.06	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Calcium, Total	1400		mg/kg	8.1	2.4	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Chromium, Total	18		mg/kg	0.81	0.16	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Cobalt, Total	5.3		mg/kg	1.6	0.41	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Copper, Total	21		mg/kg	0.81	0.16	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Iron, Total	9800		mg/kg	4.1	1.6	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Lead, Total	1.6	J	mg/kg	4.1	0.16	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Magnesium, Total	2800		mg/kg	8.1	0.81	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Manganese, Total	320		mg/kg	0.81	0.16	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.01	1	01/24/15 13:30	01/29/15 14:16	EPA 7471B	1,7471B	MC
Nickel, Total	15		mg/kg	2.0	0.32	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Potassium, Total	820		mg/kg	200	32.	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.24	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.81	0.16	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Sodium, Total	190		mg/kg	160	24.	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.32	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Vanadium, Total	16		mg/kg	0.81	0.08	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT
Zinc, Total	16		mg/kg	4.1	0.57	2	01/29/15 17:13	01/29/15 22:54	EPA 3050B	1,6010C	TT

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-05
Client ID: SB-7 (9-11')
Sample Location: HARLEM, NY
Matrix: Soil
Percent Solids: 95%

Date Collected: 01/22/15 14:30
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	15000		mg/kg	8.0	1.6	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.0	0.64	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Arsenic, Total	8.6		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Barium, Total	120		mg/kg	0.80	0.24	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Beryllium, Total	0.18	J	mg/kg	0.40	0.08	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.80	0.06	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Calcium, Total	9200		mg/kg	8.0	2.4	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Chromium, Total	34		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Cobalt, Total	13		mg/kg	1.6	0.40	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Copper, Total	46		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Iron, Total	26000		mg/kg	4.0	1.6	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Lead, Total	1.8	J	mg/kg	4.0	0.16	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Magnesium, Total	9900		mg/kg	8.0	0.80	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Manganese, Total	250		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.07	0.01	1	01/29/15 08:30	01/30/15 09:50	EPA 7471B	1,7471B	MC
Nickel, Total	31		mg/kg	2.0	0.32	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Potassium, Total	9300		mg/kg	200	32.	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Selenium, Total	0.36	J	mg/kg	1.6	0.24	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Sodium, Total	350		mg/kg	160	24.	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.32	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Vanadium, Total	45		mg/kg	0.80	0.08	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT
Zinc, Total	72		mg/kg	4.0	0.56	2	01/29/15 17:13	01/29/15 22:58	EPA 3050B	1,6010C	TT

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-06
Client ID: SB-7 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil
Percent Solids: 95%

Date Collected: 01/22/15 14:30
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	13000		mg/kg	8.0	1.6	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.0	0.64	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Arsenic, Total	6.8		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Barium, Total	120		mg/kg	0.80	0.24	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Beryllium, Total	0.18	J	mg/kg	0.40	0.08	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.80	0.06	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Calcium, Total	5000		mg/kg	8.0	2.4	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Chromium, Total	34		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Cobalt, Total	7.1		mg/kg	1.6	0.40	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Copper, Total	32		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Iron, Total	21000		mg/kg	4.0	1.6	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Lead, Total	2.3	J	mg/kg	4.0	0.16	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Magnesium, Total	9000		mg/kg	8.0	0.80	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Manganese, Total	270		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.07	0.01	1	01/29/15 08:30	01/30/15 09:51	EPA 7471B	1,7471B	MC
Nickel, Total	16		mg/kg	2.0	0.32	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Potassium, Total	7600		mg/kg	200	32.	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Selenium, Total	0.35	J	mg/kg	1.6	0.24	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Sodium, Total	270		mg/kg	160	24.	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.32	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Vanadium, Total	49		mg/kg	0.80	0.08	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT
Zinc, Total	52		mg/kg	4.0	0.56	2	01/29/15 17:13	01/29/15 23:02	EPA 3050B	1,6010C	TT

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-07
Client ID: SB-8 (11-13')
Sample Location: HARLEM, NY
Matrix: Soil
Percent Solids: 86%

Date Collected: 01/22/15 11:45
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9400		mg/kg	9.1	1.8	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.73	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Arsenic, Total	5.1		mg/kg	0.91	0.18	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Barium, Total	53		mg/kg	0.91	0.27	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Beryllium, Total	0.47		mg/kg	0.46	0.09	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.91	0.06	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Calcium, Total	1400		mg/kg	9.1	2.7	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.91	0.18	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Cobalt, Total	4.9		mg/kg	1.8	0.46	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Copper, Total	9.4		mg/kg	0.91	0.18	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Iron, Total	12000		mg/kg	4.6	1.8	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Lead, Total	13		mg/kg	4.6	0.18	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Magnesium, Total	2000		mg/kg	9.1	0.91	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Manganese, Total	320		mg/kg	0.91	0.18	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Mercury, Total	0.10		mg/kg	0.08	0.02	1	01/24/15 13:30	01/29/15 14:18	EPA 7471B	1,7471B	MC
Nickel, Total	10		mg/kg	2.3	0.36	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Potassium, Total	620		mg/kg	230	36.	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Sodium, Total	260		mg/kg	180	27.	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Vanadium, Total	15		mg/kg	0.91	0.09	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT
Zinc, Total	32		mg/kg	4.6	0.64	2	01/29/15 17:13	01/29/15 23:06	EPA 3050B	1,6010C	TT

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-08
Client ID: SB-8 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil
Percent Solids: 94%

Date Collected: 01/22/15 11:45
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5100		mg/kg	8.1	1.6	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.1	0.65	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Arsenic, Total	3.4		mg/kg	0.81	0.16	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Barium, Total	30		mg/kg	0.81	0.24	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Beryllium, Total	0.25	J	mg/kg	0.41	0.08	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.81	0.06	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Calcium, Total	790		mg/kg	8.1	2.4	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Chromium, Total	10		mg/kg	0.81	0.16	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Cobalt, Total	3.6		mg/kg	1.6	0.41	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.81	0.16	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Iron, Total	7900		mg/kg	4.1	1.6	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Lead, Total	3.3	J	mg/kg	4.1	0.16	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Magnesium, Total	1700		mg/kg	8.1	0.81	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Manganese, Total	330		mg/kg	0.81	0.16	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.07	0.02	1	01/24/15 13:30	01/29/15 14:20	EPA 7471B	1,7471B	MC
Nickel, Total	9.8		mg/kg	2.0	0.32	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Potassium, Total	550		mg/kg	200	32.	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.24	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.81	0.16	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Sodium, Total	170		mg/kg	160	24.	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.32	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Vanadium, Total	12		mg/kg	0.81	0.08	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT
Zinc, Total	11		mg/kg	4.1	0.57	2	01/29/15 17:13	01/29/15 23:10	EPA 3050B	1,6010C	TT

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-09
Client ID: SB-9 (9-11')
Sample Location: HARLEM, NY
Matrix: Soil
Percent Solids: 94%

Date Collected: 01/22/15 14:03
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4800		mg/kg	8.2	1.6	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.1	0.66	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Arsenic, Total	3.1		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Barium, Total	16		mg/kg	0.82	0.25	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Beryllium, Total	0.19	J	mg/kg	0.41	0.08	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.82	0.06	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Calcium, Total	650		mg/kg	8.2	2.5	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Chromium, Total	21		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Cobalt, Total	2.9		mg/kg	1.6	0.41	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Copper, Total	13		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Iron, Total	7500		mg/kg	4.1	1.6	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Lead, Total	2.2	J	mg/kg	4.1	0.16	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Magnesium, Total	1700		mg/kg	8.2	0.82	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Manganese, Total	150		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.01	1	01/24/15 13:30	01/29/15 14:22	EPA 7471B	1,7471B	MC
Nickel, Total	8.8		mg/kg	2.0	0.33	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Potassium, Total	340		mg/kg	200	33.	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.25	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Sodium, Total	81	J	mg/kg	160	25.	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.33	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Vanadium, Total	15		mg/kg	0.82	0.08	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT
Zinc, Total	10		mg/kg	4.1	0.58	2	01/29/15 17:13	01/29/15 23:14	EPA 3050B	1,6010C	TT

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-10
Client ID: SB-9 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil
Percent Solids: 95%

Date Collected: 01/22/15 14:03
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3400		mg/kg	8.0	1.6	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.0	0.64	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Arsenic, Total	2.2		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Barium, Total	12		mg/kg	0.80	0.24	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Beryllium, Total	0.15	J	mg/kg	0.40	0.08	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.80	0.06	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Calcium, Total	870		mg/kg	8.0	2.4	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Chromium, Total	7.7		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Cobalt, Total	2.5		mg/kg	1.6	0.40	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Copper, Total	8.4		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Iron, Total	5400		mg/kg	4.0	1.6	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Lead, Total	1.2	J	mg/kg	4.0	0.16	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Magnesium, Total	1600		mg/kg	8.0	0.80	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Manganese, Total	160		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.01	1	01/24/15 13:30	01/29/15 14:24	EPA 7471B	1,7471B	MC
Nickel, Total	7.3		mg/kg	2.0	0.32	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Potassium, Total	310		mg/kg	200	32.	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.24	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Sodium, Total	61	J	mg/kg	160	24.	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.32	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Vanadium, Total	8.2		mg/kg	0.80	0.08	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT
Zinc, Total	18		mg/kg	4.0	0.56	2	01/29/15 17:13	01/29/15 23:18	EPA 3050B	1,6010C	TT

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-11
Client ID: SB-11 (11-13')
Sample Location: HARLEM, NY
Matrix: Soil
Percent Solids: 96%

Date Collected: 01/22/15 13:40
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4600		mg/kg	8.2	1.6	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.1	0.66	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Arsenic, Total	4.3		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Barium, Total	41		mg/kg	0.82	0.25	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Beryllium, Total	0.35	J	mg/kg	0.41	0.08	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.82	0.06	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Calcium, Total	1300		mg/kg	8.2	2.5	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Cobalt, Total	5.2		mg/kg	1.6	0.41	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Copper, Total	19		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Iron, Total	10000		mg/kg	4.1	1.6	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Lead, Total	0.89	J	mg/kg	4.1	0.16	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Magnesium, Total	3300		mg/kg	8.2	0.82	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Manganese, Total	260		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.02	1	01/24/15 13:30	01/29/15 14:29	EPA 7471B	1,7471B	MC
Nickel, Total	12		mg/kg	2.0	0.33	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Potassium, Total	670		mg/kg	200	33.	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.25	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.82	0.16	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Sodium, Total	240		mg/kg	160	25.	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.33	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Vanadium, Total	14		mg/kg	0.82	0.08	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT
Zinc, Total	18		mg/kg	4.1	0.58	2	01/29/15 17:13	01/29/15 23:37	EPA 3050B	1,6010C	TT

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-12
Client ID: SB-11 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil
Percent Solids: 96%

Date Collected: 01/22/15 13:40
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4200		mg/kg	8.0	1.6	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.0	0.64	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Arsenic, Total	3.9		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Barium, Total	41		mg/kg	0.80	0.24	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Beryllium, Total	0.28	J	mg/kg	0.40	0.08	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.80	0.06	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Calcium, Total	2200		mg/kg	8.0	2.4	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Chromium, Total	19		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Cobalt, Total	4.6		mg/kg	1.6	0.40	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Copper, Total	20		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Iron, Total	9100		mg/kg	4.0	1.6	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Lead, Total	0.60	J	mg/kg	4.0	0.16	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Magnesium, Total	2200		mg/kg	8.0	0.80	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Manganese, Total	240		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.01	1	01/24/15 13:30	01/29/15 14:31	EPA 7471B	1,7471B	MC
Nickel, Total	16		mg/kg	2.0	0.32	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Potassium, Total	650		mg/kg	200	32.	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.24	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.80	0.16	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Sodium, Total	270		mg/kg	160	24.	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.32	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Vanadium, Total	15		mg/kg	0.80	0.08	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT
Zinc, Total	13		mg/kg	4.0	0.56	2	01/29/15 17:13	01/29/15 23:41	EPA 3050B	1,6010C	TT

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-13
Client ID: SB-12 (11-13')
Sample Location: HARLEM, NY
Matrix: Soil
Percent Solids: 86%

Date Collected: 01/22/15 12:47
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9400		mg/kg	8.7	1.7	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.70	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Arsenic, Total	6.4		mg/kg	0.87	0.17	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Barium, Total	74		mg/kg	0.87	0.26	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Beryllium, Total	0.47		mg/kg	0.44	0.09	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.87	0.06	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Calcium, Total	950		mg/kg	8.7	2.6	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Chromium, Total	13		mg/kg	0.87	0.17	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Cobalt, Total	4.6		mg/kg	1.7	0.44	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Copper, Total	10		mg/kg	0.87	0.17	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Iron, Total	13000		mg/kg	4.4	1.7	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Lead, Total	70		mg/kg	4.4	0.17	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Magnesium, Total	2100		mg/kg	8.7	0.87	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Manganese, Total	270		mg/kg	0.87	0.17	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Mercury, Total	0.04	J	mg/kg	0.08	0.02	1	01/24/15 13:30	01/29/15 14:33	EPA 7471B	1,7471B	MC
Nickel, Total	11		mg/kg	2.2	0.35	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Potassium, Total	940		mg/kg	220	35.	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.87	0.17	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Sodium, Total	220		mg/kg	170	26.	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.35	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Vanadium, Total	16		mg/kg	0.87	0.09	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT
Zinc, Total	58		mg/kg	4.4	0.61	2	01/29/15 17:14	01/29/15 23:44	EPA 3050B	1,6010C	TT

Project Name: CREATE LLC
Project Number: 28581.00
Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-14
Client ID: SB-12 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil
Percent Solids: 95%

Date Collected: 01/22/15 12:47
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5100		mg/kg	7.8	1.6	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	3.9	0.63	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Arsenic, Total	4.6		mg/kg	0.78	0.16	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Barium, Total	53		mg/kg	0.78	0.24	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Beryllium, Total	0.34	J	mg/kg	0.39	0.08	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.78	0.06	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Calcium, Total	1600		mg/kg	7.8	2.4	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.78	0.16	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Cobalt, Total	6.6		mg/kg	1.6	0.39	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Copper, Total	27		mg/kg	0.78	0.16	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Iron, Total	11000		mg/kg	3.9	1.6	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Lead, Total	2.1	J	mg/kg	3.9	0.16	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Magnesium, Total	2800		mg/kg	7.8	0.78	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Manganese, Total	580		mg/kg	0.78	0.16	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.07	0.01	1	01/24/15 13:30	01/29/15 14:35	EPA 7471B	1,7471B	MC
Nickel, Total	15		mg/kg	2.0	0.31	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Potassium, Total	790		mg/kg	200	31.	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.24	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.78	0.16	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Sodium, Total	240		mg/kg	160	24.	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.31	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Vanadium, Total	20		mg/kg	0.78	0.08	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT
Zinc, Total	16		mg/kg	3.9	0.55	2	01/29/15 17:14	01/29/15 23:48	EPA 3050B	1,6010C	TT

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-04,07-14 Batch: WG758287-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	01/24/15 13:30	01/29/15 13:49	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 05-06 Batch: WG759071-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	01/29/15 08:30	01/30/15 09:44	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-14 Batch: WG759321-1										
Aluminum, Total	1.5	J	mg/kg	4.0	0.80	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Antimony, Total	ND		mg/kg	2.0	0.32	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.40	0.08	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Barium, Total	ND		mg/kg	0.40	0.12	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Beryllium, Total	ND		mg/kg	0.20	0.04	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.40	0.03	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Calcium, Total	ND		mg/kg	4.0	1.2	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Chromium, Total	ND		mg/kg	0.40	0.08	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Cobalt, Total	ND		mg/kg	0.80	0.20	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Copper, Total	ND		mg/kg	0.40	0.08	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Iron, Total	2.4		mg/kg	2.0	0.80	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Lead, Total	ND		mg/kg	2.0	0.08	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Magnesium, Total	0.46	J	mg/kg	4.0	0.40	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Manganese, Total	ND		mg/kg	0.40	0.08	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Nickel, Total	ND		mg/kg	1.0	0.16	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Potassium, Total	ND		mg/kg	100	16.	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

Method Blank Analysis
Batch Quality Control

Selenium, Total	ND	mg/kg	0.80	0.12	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Silver, Total	ND	mg/kg	0.40	0.08	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Sodium, Total	ND	mg/kg	80	12.	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Thallium, Total	ND	mg/kg	0.80	0.16	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Vanadium, Total	ND	mg/kg	0.40	0.04	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT
Zinc, Total	ND	mg/kg	2.0	0.28	1	01/29/15 17:13	01/29/15 22:05	1,6010C	TT

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04,07-14 Batch: WG758287-2 SRM Lot Number: D083-540								
Mercury, Total	110		-		75-126	-		
Total Metals - Westborough Lab Associated sample(s): 05-06 Batch: WG759071-2 SRM Lot Number: D083-540								
Mercury, Total	90		-		75-126	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-14 Batch: WG759321-2 SRM Lot Number: D083-540					
Aluminum, Total	79	-	51-148	-	
Antimony, Total	155	-	1-210	-	
Arsenic, Total	98	-	78-122	-	
Barium, Total	96	-	82-117	-	
Beryllium, Total	96	-	82-118	-	
Cadmium, Total	91	-	82-118	-	
Calcium, Total	91	-	82-118	-	
Chromium, Total	93	-	79-121	-	
Cobalt, Total	92	-	83-117	-	
Copper, Total	95	-	80-120	-	
Iron, Total	99	-	47-153	-	
Lead, Total	90	-	81-119	-	
Magnesium, Total	86	-	75-124	-	
Manganese, Total	92	-	81-119	-	
Nickel, Total	90	-	82-118	-	
Potassium, Total	92	-	70-130	-	
Selenium, Total	96	-	78-123	-	
Silver, Total	99	-	74-125	-	
Sodium, Total	98	-	70-130	-	
Thallium, Total	86	-	78-122	-	
Vanadium, Total	95	-	65-135	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-14 Batch: WG759321-2 SRM Lot Number: D083-540					
Zinc, Total	92	-	80-121	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04,07-14 QC Batch ID: WG758287-4 QC Sample: L1501591-01 Client ID: SB-5 (13-15')												
Mercury, Total	0.17	0.149	0.40	**154**	Q	-	-		80-120	-		20
Total Metals - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG759071-4 QC Sample: L1501629-19 Client ID: MS Sample												
Mercury, Total	0.12	0.184	0.38	**141**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG759321-4 QC Sample: L1501591-01 Client ID: SB-5 (13-15')										
Aluminum, Total	7400	170	8000	**352**	Q	-	-	75-125	-	20
Antimony, Total	ND	42.5	34	80		-	-	75-125	-	20
Arsenic, Total	6.0	10.2	18	118		-	-	75-125	-	20
Barium, Total	38.	170	200	95		-	-	75-125	-	20
Beryllium, Total	0.30J	4.25	4.2	99		-	-	75-125	-	20
Cadmium, Total	ND	4.34	4.0	92		-	-	75-125	-	20
Calcium, Total	720	851	1800	**127**	Q	-	-	75-125	-	20
Chromium, Total	11.	17	28	100		-	-	75-125	-	20
Cobalt, Total	5.0	42.5	42	87		-	-	75-125	-	20
Copper, Total	14.	21.3	34	94		-	-	75-125	-	20
Iron, Total	12000	85.1	14000	**2350**	Q	-	-	75-125	-	20
Lead, Total	19.	43.4	85	**152**	Q	-	-	75-125	-	20
Magnesium, Total	2300	851	2800	**59**	Q	-	-	75-125	-	20
Manganese, Total	300	42.5	320	**47**	Q	-	-	75-125	-	20
Nickel, Total	13.	42.5	49	85		-	-	75-125	-	20
Potassium, Total	440	851	1200	89		-	-	75-125	-	20
Selenium, Total	ND	10.2	9.1	89		-	-	75-125	-	20
Silver, Total	ND	25.5	21	82		-	-	75-125	-	20
Sodium, Total	57.J	851	880	103		-	-	75-125	-	20
Thallium, Total	ND	10.2	8.4	82		-	-	75-125	-	20
Vanadium, Total	12.	42.5	52	94		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG759321-4 QC Sample: L1501591-01 Client ID: SB-5 (13-15')									
Zinc, Total	32.	42.5	84	122	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04,07-14 QC Batch ID: WG758287-3 QC Sample: L1501591-01 Client ID: SB-5 (13-15')						
Mercury, Total	0.17	0.27	mg/kg	**45**	Q	20
Total Metals - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG759071-3 QC Sample: L1501629-19 Client ID: DUP Sample						
Mercury, Total	0.12	0.12	mg/kg	0		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG759321-3 QC Sample: L1501591-01 Client ID: SB-5 (13-15')						
Aluminum, Total	7400	7600	mg/kg	3		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	6.0	5.9	mg/kg	2		20
Barium, Total	38.	44	mg/kg	15		20
Beryllium, Total	0.30J	0.32J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	720	890	mg/kg	**21**	Q	20
Chromium, Total	11.	12	mg/kg	9		20
Cobalt, Total	5.0	4.8	mg/kg	4		20
Copper, Total	14.	14	mg/kg	0		20
Iron, Total	12000	12000	mg/kg	0		20
Lead, Total	19.	40	mg/kg	**71**	Q	20
Magnesium, Total	2300	2200	mg/kg	4		20
Manganese, Total	300	300	mg/kg	0		20
Nickel, Total	13.	13	mg/kg	0		20
Potassium, Total	440	460	mg/kg	4		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	57.J	66J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG759321-3 QC Sample: L1501591-01 Client ID: SB-5 (13-15')						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	12.	13	mg/kg	8		20
Zinc, Total	32.	42	mg/kg	**27**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-01
Client ID: SB-5 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil

Date Collected: 01/22/15 12:20
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	01/26/15 13:28	30,2540G	SG

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-02
Client ID: SB-5 (15-17')
Sample Location: HARLEM, NY
Matrix: Soil

Date Collected: 01/22/15 12:20
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.1		%	0.100	NA	1	-	01/26/15 13:28	30,2540G	SG

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-03
Client ID: SB-6 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil

Date Collected: 01/22/15 11:07
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.7		%	0.100	NA	1	-	01/26/15 13:28	30,2540G	SG

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-04
Client ID: SB-6 (15-17')
Sample Location: HARLEM, NY
Matrix: Soil

Date Collected: 01/22/15 11:07
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.8		%	0.100	NA	1	-	01/26/15 13:28	30,2540G	SG

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-05
Client ID: SB-7 (9-11')
Sample Location: HARLEM, NY
Matrix: Soil

Date Collected: 01/22/15 14:30
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	01/28/15 12:14	30,2540G	SG

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-06
Client ID: SB-7 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil

Date Collected: 01/22/15 14:30
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.1		%	0.100	NA	1	-	01/28/15 12:14	30,2540G	SG

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-07
Client ID: SB-8 (11-13')
Sample Location: HARLEM, NY
Matrix: Soil

Date Collected: 01/22/15 11:45
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	01/26/15 13:28	30,2540G	SG

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-08
Client ID: SB-8 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil

Date Collected: 01/22/15 11:45
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.8		%	0.100	NA	1	-	01/26/15 13:28	30,2540G	SG

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-09
Client ID: SB-9 (9-11')
Sample Location: HARLEM, NY
Matrix: Soil

Date Collected: 01/22/15 14:03
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.1		%	0.100	NA	1	-	01/26/15 13:28	30,2540G	SG

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-10
Client ID: SB-9 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil

Date Collected: 01/22/15 14:03
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.1		%	0.100	NA	1	-	01/26/15 13:28	30,2540G	SG

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-11
Client ID: SB-11 (11-13')
Sample Location: HARLEM, NY
Matrix: Soil

Date Collected: 01/22/15 13:40
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.0		%	0.100	NA	1	-	01/26/15 13:28	30,2540G	SG

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-12
Client ID: SB-11 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil

Date Collected: 01/22/15 13:40
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.4		%	0.100	NA	1	-	01/26/15 13:28	30,2540G	SG

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-13
Client ID: SB-12 (11-13')
Sample Location: HARLEM, NY
Matrix: Soil

Date Collected: 01/22/15 12:47
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	01/26/15 13:28	30,2540G	SG

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

SAMPLE RESULTS

Lab ID: L1501591-14
Client ID: SB-12 (13-15')
Sample Location: HARLEM, NY
Matrix: Soil

Date Collected: 01/22/15 12:47
Date Received: 01/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	01/26/15 13:28	30,2540G	SG

Lab Duplicate Analysis
Batch Quality Control

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04,07-14 QC Batch ID: WG758626-1 QC Sample: L1501554-01 Client ID: DUP Sample						
Solids, Total	68.3	68.3	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG758849-1 QC Sample: L1501581-01 Client ID: DUP Sample						
Solids, Total	78.5	77.1	%	2		20

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 01/24/2015 02:24

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1501591-01A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-01B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-01C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-01D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)
L1501591-01E	Glass 60mL/2oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-01F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-02A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-02B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-02C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-02D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1501591-02E	Glass 60mL/2oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-02F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-03A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-03B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-03C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-03D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)
L1501591-03E	Glass 60mL/2oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-03F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-04A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1501591-04B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-04C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-04D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)
L1501591-04E	Glass 60mL/2oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-04F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-05A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-05B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-05C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-05D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)
L1501591-05E	Glass 60mL/2oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1501591-05F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-06A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-06B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-06C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-06D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)
L1501591-06E	Glass 60mL/2oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-06F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-07A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-07B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-07C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-07D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1501591-07E	Glass 60mL/2oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-07F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-08A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-08B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-08C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-08D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)
L1501591-08E	Glass 60mL/2oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-08F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-09A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1501591-09B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-09C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-09D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)
L1501591-09E	Glass 60mL/2oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-09F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-10A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-10B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-10C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-10D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)
L1501591-10E	Glass 60mL/2oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1501591-10F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-11A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-11B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-11C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-11D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)
L1501591-11E	Glass 60mL/2oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-11F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-12A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-12B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-12C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-12D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1501591-12E	Glass 60mL/2oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-12F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-13A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-13B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-13C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-13D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)
L1501591-13E	Glass 60mL/2oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-13F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-14A	Vial MeOH preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: CREATE LLC
Project Number: 28581.00

Lab Number: L1501591
Report Date: 01/31/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1501591-14B	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-14C	Vial water preserved	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1501591-14D	Plastic 2oz unpreserved for TS	A	N/A	2.8	Y	Absent	TS(7)
L1501591-14E	Glass 60mL/2oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501591-14F	Glass 250ml/8oz unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	CREATE LLC	**Lab Number:**	L1501591
Project Number:	28581.00	**Report Date:**	01/31/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Report Format: DU Report with 'J' Qualifiers

Project Name: CREATE LLC **Lab Number:** L1501591

Project Number: 28581.00 **Report Date:** 01/31/15

Data Qualifiers

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name: CREATE LLC **Lab Number:** L1501591
Project Number: 28581.00 **Report Date:** 01/31/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 2

ALPHA TECHNICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 1-23-15

ALPHA Job #: L1501591

Client Information

Client: VHB ENGINEERING
Address: 100 MOTOR PARKWAY, STE 195
HAUPPAUGE, NY 11788
Phone: (631) 787-3400
Fax: (631) 813-2545
Email: BMURM@GMAL.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: CREATE LLC
Project Location: HARLEM, NY
Project #: 28581.00
Project Manager: BRYAN MURM
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 1-30-15 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TAL METALS (Total Mercury)	PESTICIDES 8081	PCBS 8082							Sample Specific Comments	TOTAL # BOTTLES
01591-01	SB-5 (13-15')	1/22	1220	SOIL	RM	X	X	X	X	X								
02	SB-5 (15-17')	1/22	1220	SOIL														
03	SB-6 (13-15')	1/22	1107	SOIL														
04	SB-6 (15-17')	1/22	1107	SOIL														
05	SB-7 (9-11')	1/22	1430	SOIL														
06	SB-7 (13-15')	1/22	1430	SOIL														
07	SB-8 (11'-13')	1/22	1145	SOIL														
08	SB-8 (13'-15')	1/22	1145	SOIL														
09	SB-9 (9-11')	1/22	1403	SOIL														
10	SB-9 (13-15')	1/22	1403	SOIL														

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type												
Preservative												

Relinquished By:	Date/Time	Received By:	Date/Time
	1/23 9AM		1/23/15 9:00
	1/23/15 1900	Tom Tober	1-23-15 1900
Tom Tober	1-23-15 2351		1-23-15 2351

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

CHAIN OF CUSTODY

PAGE 2 OF 2

Date Rec'd in Lab: 1-23-15

ALPHA Job #: L1501591

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: VHB ENGINEERING

Address: 100 MOTOR PKWY #135 HAUPPAUGE NY 11788

Phone: (631) 787-3400

Fax: (631) 813-2545

Email: BMURTY@VHB.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: CREATE LLC

Project Location: HARLEM NY

Project #: 28581.00

Project Manager: BINAY MURTY

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: 1-30-15 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TAL Metals	Pesticides 8081	PCBs 8082	Sample Specific Comments	Total # Bottles
01591-11	SB-11 (11-13')	1/22	1340	Soil	BM	X	X	X	X	X		
12	SB-11 (13-15')	1/22	1340	↓	↓	↓	↓	↓	↓	↓		
13	SB-12 (11-13')	1/22	1247	↓	↓	↓	↓	↓	↓	↓		
14	SB-12 (13-15')	1/22	1247	↓	↓	↓	↓	↓	↓	↓		

SAMPLE HANDLING

Filtration ____

☐ Done

☐ Not needed

☐ Lab to do

Preservation

☐ Lab to do

(Please specify below)

Container Type																
Preservative																

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1/23 9AM	[signature]	1/23/15 9:00
Tom Tober	1/23/15 1900	Tom Tober	1-23-15 1900
Tom Tober	1-23-15 2351	[signature]	1-23-15 2351

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

ANALYTICAL REPORT

Lab Number:	L1501755
Client:	VHB Engineering, Surveying and Landscape 100 Motor Parkway Suite 135 Hauppauge, NY 11788
ATTN:	Bryan Murty
Phone:	(631) 234-3444
Project Name:	TAYSTEE
Project Number:	28581.00
Report Date:	02/10/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1501755-01	SB-10	SOIL	HARLEM, NYC	01/23/15 09:05	01/26/15
L1501755-02	GW-1	WATER	HARLEM, NYC	01/23/15 13:37	01/26/15
L1501755-03	GW-2	WATER	HARLEM, NYC	01/23/15 11:16	01/26/15
L1501755-04	GW-3	WATER	HARLEM, NYC	01/23/15 12:40	01/26/15

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: TAYSTEE **Lab Number:** L1501755
Project Number: 28581.00 **Report Date:** 02/10/15

Case Narrative (continued)

Report Submission
This report replaces the report issued February 3, 2015. A project number has been added.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt
L1501755-02, -03, and -04 were received at the laboratory without the containers for Dissolved Metals and beyond the recommended 24 hour holding time required for filtration. Aliquots were taken from unpreserved containers and filtered and preserved appropriately.

Semivolatile Organics
The WG759315-2/-3 LCS/LCSD recoveries, associated with L1501755-01, are below the acceptance criteria for benzoic acid (8%/6%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Semivolatile Organics by SIM
L1501755-02 has elevated detection limits due to the dilution required by the sample matrix.

Total Metals
L1501755-01 has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Dissolved Metals
The WG759821-4 MS recoveries for calcium (65%), manganese (61%), and sodium (30%), performed on L1501755-02, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG759821-4 MS recovery, performed on L1501755-02, is below the acceptance criteria for magnesium

Project Name: TAYSTEE **Lab Number:** L1501755
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Case Narrative (continued)

(64%). A post digestion spike was performed and yielded unacceptable recoveries for magnesium (126%). This has been attributed to sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 02/10/15

ORGANICS

VOLATILES

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-01	Date Collected:	01/23/15 09:05
Client ID:	SB-10	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/30/15 15:00		
Analyst:	BN		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.47	1
Carbon tetrachloride	ND		ug/kg	1.3	0.27	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.29	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.39	1
Tetrachloroethene	ND		ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.44	1
Trichlorofluoromethane	ND		ug/kg	6.4	0.49	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.14	1
Bromodichloromethane	ND		ug/kg	1.3	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.4	0.18	1
Bromoform	ND		ug/kg	5.1	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	ND		ug/kg	1.3	0.15	1
Toluene	ND		ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.16	1
Chloromethane	ND		ug/kg	6.4	0.37	1
Bromomethane	ND		ug/kg	2.5	0.43	1
Vinyl chloride	ND		ug/kg	2.5	0.15	1
Chloroethane	ND		ug/kg	2.5	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.27	1
Trichloroethene	ND		ug/kg	1.3	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.4	0.19	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-01 Date Collected: 01/23/15 09:05

Client ID: SB-10 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.4	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.11	1
p/m-Xylene	ND		ug/kg	2.5	0.25	1
o-Xylene	ND		ug/kg	2.5	0.22	1
Xylene (Total)	ND		ug/kg	2.5	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
1,2-Dichloroethene (total)	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	13	0.21	1
Styrene	ND		ug/kg	2.5	0.51	1
Dichlorodifluoromethane	ND		ug/kg	13	0.24	1
Acetone	ND		ug/kg	13	1.3	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.35	1
Vinyl acetate	ND		ug/kg	13	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.31	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.21	1
2-Hexanone	ND		ug/kg	13	0.85	1
Bromochloromethane	ND		ug/kg	6.4	0.35	1
2,2-Dichloropropane	ND		ug/kg	6.4	0.29	1
1,2-Dibromoethane	ND		ug/kg	5.1	0.22	1
1,3-Dichloropropane	ND		ug/kg	6.4	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.40	1
Bromobenzene	ND		ug/kg	6.4	0.26	1
n-Butylbenzene	ND		ug/kg	1.3	0.15	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.4	0.17	1
o-Chlorotoluene	ND		ug/kg	6.4	0.20	1
p-Chlorotoluene	ND		ug/kg	6.4	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	0.50	1
Hexachlorobutadiene	ND		ug/kg	6.4	0.29	1
Isopropylbenzene	ND		ug/kg	1.3	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.16	1
Naphthalene	ND		ug/kg	6.4	0.18	1
Acrylonitrile	ND		ug/kg	13	0.65	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.4	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.4	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.4	0.18	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-01 Date Collected: 01/23/15 09:05

Client ID: SB-10 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.4	0.18	1
1,4-Dioxane	ND		ug/kg	130	18.	1
1,4-Diethylbenzene	ND		ug/kg	5.1	0.20	1
4-Ethyltoluene	ND		ug/kg	5.1	0.16	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.1	0.16	1
Ethyl ether	ND		ug/kg	6.4	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-02
Client ID: GW-1
Sample Location: HARLEM, NYC
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/02/15 00:57
Analyst: PK

Date Collected: 01/23/15 13:37
Date Received: 01/26/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	3.5		ug/l	2.5	0.70	1
Trichloroethene	16		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-02 Date Collected: 01/23/15 13:37

Client ID: GW-1 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	4.3		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	7.8		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	1.4	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	2.1	J	ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-02 Date Collected: 01/23/15 13:37

Client ID: GW-1 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-03
Client ID: GW-2
Sample Location: HARLEM, NYC
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/02/15 01:25
Analyst: PK

Date Collected: 01/23/15 11:16
Date Received: 01/26/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	33		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	1.3	J	ug/l	2.5	0.70	1
Trichloroethene	45		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-03 Date Collected: 01/23/15 11:16

Client ID: GW-2 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	0.80	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	0.80	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	40		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	41	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.3		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	7.5		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-03 Date Collected: 01/23/15 11:16

Client ID: GW-2 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	100		70-130

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-04
Client ID: GW-3
Sample Location: HARLEM, NYC
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/02/15 01:53
Analyst: PK

Date Collected: 01/23/15 12:40
Date Received: 01/26/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	3.9		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	4.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-04 Date Collected: 01/23/15 12:40

Client ID: GW-3 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	3.2		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	3.2		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	7.9		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-04 Date Collected: 01/23/15 12:40

Client ID: GW-3 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/30/15 08:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG759543-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/30/15 08:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG759543-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/30/15 08:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG759543-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/30/15 08:24
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG759543-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/01/15 21:15
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG759999-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/01/15 21:15
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG759999-3					
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Diisopropyl Ether	ND		ug/l	2.0	0.65
Tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Acrolein	ND		ug/l	5.0	0.63
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/01/15 21:15
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG759999-3					
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.27
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/01/15 21:15
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG759999-3					
Iodomethane	ND		ug/l	5.0	5.0
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG759543-1 WG759543-2								
Methylene chloride	103		106		70-130	3		30
1,1-Dichloroethane	108		107		70-130	1		30
Chloroform	110		111		70-130	1		30
Carbon tetrachloride	119		123		70-130	3		30
1,2-Dichloropropane	102		103		70-130	1		30
Dibromochloromethane	97		104		70-130	7		30
2-Chloroethylvinyl ether	105		114		70-130	8		30
1,1,2-Trichloroethane	94		98		70-130	4		30
Tetrachloroethene	108		106		70-130	2		30
Chlorobenzene	102		102		70-130	0		30
Trichlorofluoromethane	124		126		70-139	2		30
1,2-Dichloroethane	110		115		70-130	4		30
1,1,1-Trichloroethane	117		118		70-130	1		30
Bromodichloromethane	107		112		70-130	5		30
trans-1,3-Dichloropropene	97		101		70-130	4		30
cis-1,3-Dichloropropene	102		105		70-130	3		30
1,1-Dichloropropene	112		112		70-130	0		30
Bromoform	92		98		70-130	6		30
1,1,2,2-Tetrachloroethane	89		92		70-130	3		30
Benzene	106		105		70-130	1		30
Toluene	101		100		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG759543-1 WG759543-2								
Ethylbenzene	106		106		70-130	0		30
Chloromethane	98		94		52-130	4		30
Bromomethane	94		97		57-147	3		30
Vinyl chloride	104		101		67-130	3		30
Chloroethane	136		134		50-151	1		30
1,1-Dichloroethene	97		96		65-135	1		30
trans-1,2-Dichloroethene	107		105		70-130	2		30
Trichloroethene	112		112		70-130	0		30
1,2-Dichlorobenzene	99		99		70-130	0		30
1,3-Dichlorobenzene	104		103		70-130	1		30
1,4-Dichlorobenzene	101		102		70-130	1		30
Methyl tert butyl ether	101		102		66-130	1		30
p/m-Xylene	108		107		70-130	1		30
o-Xylene	105		106		70-130	1		30
cis-1,2-Dichloroethene	106		106		70-130	0		30
Dibromomethane	101		107		70-130	6		30
Styrene	104		105		70-130	1		30
Dichlorodifluoromethane	102		99		30-146	3		30
Acetone	123		120		54-140	2		30
Carbon disulfide	87		85		59-130	2		30
2-Butanone	94		96		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG759543-1 WG759543-2								
Vinyl acetate	87		90		70-130	3		30
4-Methyl-2-pentanone	87		90		70-130	3		30
1,2,3-Trichloropropane	91		94		68-130	3		30
2-Hexanone	86		84		70-130	2		30
Bromochloromethane	104		106		70-130	2		30
2,2-Dichloropropane	116		116		70-130	0		30
1,2-Dibromoethane	92		97		70-130	5		30
1,3-Dichloropropane	95		98		69-130	3		30
1,1,1,2-Tetrachloroethane	101		105		70-130	4		30
Bromobenzene	96		97		70-130	1		30
n-Butylbenzene	117		116		70-130	1		30
sec-Butylbenzene	107		105		70-130	2		30
tert-Butylbenzene	104		103		70-130	1		30
o-Chlorotoluene	104		103		70-130	1		30
p-Chlorotoluene	104		105		70-130	1		30
1,2-Dibromo-3-chloropropane	79		86		68-130	8		30
Hexachlorobutadiene	105		104		67-130	1		30
Isopropylbenzene	108		107		70-130	1		30
p-Isopropyltoluene	109		107		70-130	2		30
Naphthalene	83		86		70-130	4		30
Acrylonitrile	89		90		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG759543-1 WG759543-2								
Isopropyl Ether	102		101		66-130	1		30
tert-Butyl Alcohol	76		79		70-130	4		30
n-Propylbenzene	107		107		70-130	0		30
1,2,3-Trichlorobenzene	96		95		70-130	1		30
1,2,4-Trichlorobenzene	102		101		70-130	1		30
1,3,5-Trimethylbenzene	106		106		70-130	0		30
1,2,4-Trimethylbenzene	106		105		70-130	1		30
Methyl Acetate	86		85		51-146	1		30
Ethyl Acetate	85		87		70-130	2		30
Acrolein	129		**131**	Q	70-130	2		30
Cyclohexane	102		99		59-142	3		30
1,4-Dioxane	89		90		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	102		98		50-139	4		30
1,4-Diethylbenzene	123		121		70-130	2		30
4-Ethyltoluene	119		116		70-130	3		30
1,2,4,5-Tetramethylbenzene	114		113		70-130	1		30
Tetrahydrofuran	91		91		66-130	0		30
Ethyl ether	112		113		67-130	1		30
trans-1,4-Dichloro-2-butene	89		97		70-130	9		30
Methyl cyclohexane	103		100		70-130	3		30
Ethyl-Tert-Butyl-Ether	101		100		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG759543-1 WG759543-2								
Tertiary-Amyl Methyl Ether	98		99		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		110		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	103		107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG759999-1 WG759999-2								
Methylene chloride	91		87		70-130	4		20
1,1-Dichloroethane	88		83		70-130	6		20
Chloroform	92		87		70-130	6		20
Carbon tetrachloride	79		75		63-132	5		20
1,2-Dichloropropane	90		87		70-130	3		20
Dibromochloromethane	92		90		63-130	2		20
1,1,2-Trichloroethane	99		99		70-130	0		20
Tetrachloroethene	86		82		70-130	5		20
Chlorobenzene	93		90		75-130	3		20
Trichlorofluoromethane	80		75		62-150	6		20
1,2-Dichloroethane	90		88		70-130	2		20
1,1,1-Trichloroethane	83		78		67-130	6		20
Bromodichloromethane	89		87		67-130	2		20
trans-1,3-Dichloropropene	87		86		70-130	1		20
cis-1,3-Dichloropropene	87		84		70-130	4		20
1,1-Dichloropropene	81		76		70-130	6		20
Bromoform	90		93		54-136	3		20
1,1,2,2-Tetrachloroethane	100		102		67-130	2		20
Benzene	90		86		70-130	5		20
Toluene	89		87		70-130	2		20
Ethylbenzene	90		87		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG759999-1 WG759999-2								
Chloromethane	**56**	Q	**53**	Q	64-130	6		20
Bromomethane	77		73		39-139	5		20
Vinyl chloride	66		63		55-140	5		20
Chloroethane	94		90		55-138	4		20
1,1-Dichloroethene	77		72		61-145	7		20
trans-1,2-Dichloroethene	83		80		70-130	4		20
Trichloroethene	87		83		70-130	5		20
1,2-Dichlorobenzene	95		94		70-130	1		20
1,3-Dichlorobenzene	93		90		70-130	3		20
1,4-Dichlorobenzene	94		91		70-130	3		20
Methyl tert butyl ether	83		83		63-130	0		20
p/m-Xylene	89		87		70-130	2		20
o-Xylene	90		88		70-130	2		20
cis-1,2-Dichloroethene	89		86		70-130	3		20
Dibromomethane	93		90		70-130	3		20
1,2,3-Trichloropropane	96		100		64-130	4		20
Acrylonitrile	93		94		70-130	1		20
Diisopropyl Ether	81		78		70-130	4		20
Tert-Butyl Alcohol	93		98		70-130	5		20
Styrene	90		88		70-130	2		20
Dichlorodifluoromethane	44		41		36-147	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG759999-1 WG759999-2								
Acetone	87		90		58-148	3		20
Carbon disulfide	70		64		51-130	9		20
2-Butanone	83		83		63-138	0		20
Vinyl acetate	80		79		70-130	1		20
4-Methyl-2-pentanone	83		84		59-130	1		20
2-Hexanone	69		74		57-130	7		20
Acrolein	87		85		40-160	2		20
Bromochloromethane	93		92		70-130	1		20
2,2-Dichloropropane	82		77		63-133	6		20
1,2-Dibromoethane	90		92		70-130	2		20
1,3-Dichloropropane	94		93		70-130	1		20
1,1,1,2-Tetrachloroethane	92		90		64-130	2		20
Bromobenzene	94		91		70-130	3		20
n-Butylbenzene	88		86		53-136	2		20
sec-Butylbenzene	86		82		70-130	5		20
tert-Butylbenzene	86		82		70-130	5		20
o-Chlorotoluene	92		88		70-130	4		20
p-Chlorotoluene	90		87		70-130	3		20
1,2-Dibromo-3-chloropropane	93		92		41-144	1		20
Hexachlorobutadiene	89		90		63-130	1		20
Isopropylbenzene	89		85		70-130	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG759999-1 WG759999-2								
p-Isopropyltoluene	84		82		70-130	2		20
Naphthalene	97		102		70-130	5		20
n-Propylbenzene	89		86		69-130	3		20
1,2,3-Trichlorobenzene	98		102		70-130	4		20
1,2,4-Trichlorobenzene	92		94		70-130	2		20
1,3,5-Trimethylbenzene	89		87		64-130	2		20
1,2,4-Trimethylbenzene	89		87		70-130	2		20
Methyl Acetate	79		81		70-130	3		20
Ethyl Acetate	77		83		70-130	8		20
Cyclohexane	74		**68**	Q	70-130	8		20
Ethyl-Tert-Butyl-Ether	82		82		70-130	0		20
Tertiary-Amyl Methyl Ether	82		81		66-130	1		20
1,4-Dioxane	80		82		56-162	2		20
Freon-113	76		71		70-130	7		20
p-Diethylbenzene	86		83		70-130	4		20
p-Ethyltoluene	88		85		70-130	3		20
1,2,4,5-Tetramethylbenzene	91		90		70-130	1		20
Ethyl ether	100		99		59-134	1		20
trans-1,4-Dichloro-2-butene	87		92		70-130	6		20
Methyl cyclohexane	79		74		70-130	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG759999-1 WG759999-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	102		100		70-130

SEMIVOLATILES

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-01	Date Collected:	01/23/15 09:05
Client ID:	SB-10	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/29/15 18:43
Analytical Date:	01/31/15 16:03		
Analyst:	PS		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	37.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	60.	1
Hexachlorobenzene	ND		ug/kg	110	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	51.	1
2-Chloronaphthalene	ND		ug/kg	180	59.	1
1,2-Dichlorobenzene	ND		ug/kg	180	60.	1
1,3-Dichlorobenzene	ND		ug/kg	180	57.	1
1,4-Dichlorobenzene	ND		ug/kg	180	55.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	39.	1
2,6-Dinitrotoluene	ND		ug/kg	180	46.	1
Fluoranthene	ND		ug/kg	110	33.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	55.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	42.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	64.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	55.	1
Hexachlorobutadiene	ND		ug/kg	180	51.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	120	1
Hexachloroethane	ND		ug/kg	140	33.	1
Isophorone	ND		ug/kg	160	48.	1
Naphthalene	ND		ug/kg	180	60.	1
Nitrobenzene	ND		ug/kg	160	43.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	140	38.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	54.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	180	48.	1
Butyl benzyl phthalate	ND		ug/kg	180	36.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	45.	1
Diethyl phthalate	ND		ug/kg	180	38.	1
Dimethyl phthalate	ND		ug/kg	180	46.	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-01 Date Collected: 01/23/15 09:05

Client ID: SB-10 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	110	36.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	37.	1
Benzo(k)fluoranthene	ND		ug/kg	110	35.	1
Chrysene	ND		ug/kg	110	36.	1
Acenaphthylene	ND		ug/kg	140	34.	1
Anthracene	ND		ug/kg	110	30.	1
Benzo(ghi)perylene	ND		ug/kg	140	38.	1
Fluorene	ND		ug/kg	180	52.	1
Phenanthrene	ND		ug/kg	110	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	35.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	140	40.	1
Pyrene	ND		ug/kg	110	35.	1
Biphenyl	ND		ug/kg	410	60.	1
4-Chloroaniline	ND		ug/kg	180	48.	1
2-Nitroaniline	ND		ug/kg	180	51.	1
3-Nitroaniline	ND		ug/kg	180	50.	1
4-Nitroaniline	ND		ug/kg	180	49.	1
Dibenzofuran	ND		ug/kg	180	61.	1
2-Methylnaphthalene	ND		ug/kg	220	58.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	56.	1
Acetophenone	ND		ug/kg	180	56.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
P-Chloro-M-Cresol	ND		ug/kg	180	53.	1
2-Chlorophenol	ND		ug/kg	180	55.	1
2,4-Dichlorophenol	ND		ug/kg	160	59.	1
2,4-Dimethylphenol	ND		ug/kg	180	54.	1
2-Nitrophenol	ND		ug/kg	390	57.	1
4-Nitrophenol	ND		ug/kg	250	59.	1
2,4-Dinitrophenol	ND		ug/kg	870	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	66.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	54.	1
2-Methylphenol	ND		ug/kg	180	58.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	60.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	59.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	39.	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-01	Date Collected:	01/23/15 09:05
Client ID:	SB-10	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	58		18-120

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-02	Date Collected:	01/23/15 13:37
Client ID:	GW-1	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	01/29/15 16:12
Analytical Date:	01/31/15 19:16		
Analyst:	PS		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	9.2		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-02 Date Collected: 01/23/15 13:37

Client ID: GW-1 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	76		41-149

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-02	D	Date Collected:	01/23/15 13:37
Client ID:	GW-1		Date Received:	01/26/15
Sample Location:	HARLEM, NYC		Field Prep:	Not Specified
Matrix:	Water		Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM		Extraction Date:	01/29/15 16:23
Analytical Date:	02/01/15 11:40			
Analyst:	KV			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.80	0.26	4
2-Chloronaphthalene	ND		ug/l	0.80	0.26	4
Fluoranthene	ND		ug/l	0.80	0.17	4
Hexachlorobutadiene	ND		ug/l	2.0	0.28	4
Naphthalene	ND		ug/l	0.80	0.26	4
Benzo(a)anthracene	ND		ug/l	0.80	0.23	4
Benzo(a)pyrene	ND		ug/l	0.80	0.28	4
Benzo(b)fluoranthene	ND		ug/l	0.80	0.28	4
Benzo(k)fluoranthene	ND		ug/l	0.80	0.27	4
Chrysene	ND		ug/l	0.80	0.20	4
Acenaphthylene	ND		ug/l	0.80	0.20	4
Anthracene	ND		ug/l	0.80	0.25	4
Benzo(ghi)perylene	ND		ug/l	0.80	0.28	4
Fluorene	0.48	J	ug/l	0.80	0.23	4
Phenanthrene	ND		ug/l	0.80	0.26	4
Dibenzo(a,h)anthracene	ND		ug/l	0.80	0.29	4
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.80	0.32	4
Pyrene	0.31	J	ug/l	0.80	0.23	4
2-Methylnaphthalene	ND		ug/l	0.80	0.24	4
Pentachlorophenol	ND		ug/l	3.2	0.75	4
Hexachlorobenzene	ND		ug/l	3.2	0.06	4
Hexachloroethane	ND		ug/l	3.2	0.26	4

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-02 D Date Collected: 01/23/15 13:37

Client ID: GW-1 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	107		41-149

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-03	Date Collected:	01/23/15 11:16
Client ID:	GW-2	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	01/29/15 16:12
Analytical Date:	01/31/15 19:41		
Analyst:	PS		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	1.0	J	ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	0.33	J	ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	1.2	J	ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-03 Date Collected: 01/23/15 11:16

Client ID: GW-2 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	1.5	J	ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	1.7	J	ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	90		41-149

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-03	Date Collected:	01/23/15 11:16
Client ID:	GW-2	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	01/29/15 16:23
Analytical Date:	02/01/15 11:09		
Analyst:	KV		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.3		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	0.92		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	5.5		ug/l	0.20	0.06	1
Benzo(a)anthracene	0.06	J	ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	0.07	J	ug/l	0.20	0.05	1
Acenaphthylene	0.11	J	ug/l	0.20	0.05	1
Anthracene	0.57		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	1.9		ug/l	0.20	0.06	1
Phenanthrene	4.7		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	0.59		ug/l	0.20	0.06	1
2-Methylnaphthalene	1.8		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-03 Date Collected: 01/23/15 11:16

Client ID: GW-2 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	87		41-149

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-04	Date Collected:	01/23/15 12:40
Client ID:	GW-3	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	01/29/15 16:12
Analytical Date:	01/31/15 20:58		
Analyst:	PS		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	1.0	J	ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	0.57	J	ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	2.8		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-04 Date Collected: 01/23/15 12:40

Client ID: GW-3 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	1.0	J	ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	4.9		ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	87		41-149

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-04	Date Collected:	01/23/15 12:40
Client ID:	GW-3	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	01/29/15 16:23
Analytical Date:	01/30/15 17:11		
Analyst:	KV		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	3.6		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	2.0		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	7.8		ug/l	0.20	0.06	1
Benzo(a)anthracene	0.11	J	ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	0.09	J	ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	1.4		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	3.8		ug/l	0.20	0.06	1
Phenanthrene	11		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	1.3		ug/l	0.20	0.06	1
2-Methylnaphthalene	2.7		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-04 Date Collected: 01/23/15 12:40

Client ID: GW-3 Date Received: 01/26/15

Sample Location: HARLEM, NYC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	74		41-149

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/30/15 08:43
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 01/29/15 15:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG759315-1					
Acenaphthene	ND		ug/kg	130	33.
Benzidine	ND		ug/kg	540	130
n-Nitrosodimethylamine	ND		ug/kg	320	53.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	49.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Azobenzene	ND		ug/kg	160	44.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/30/15 08:43
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 01/29/15 15:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG759315-1					
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	33.
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	32.
Biphenyl	ND		ug/kg	370	54.
Aniline	ND		ug/kg	190	33.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
P-Chloro-M-Cresol	ND		ug/kg	160	47.

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/30/15 08:43
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 01/29/15 15:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG759315-1					
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	210	66.
Caprolactam	ND		ug/kg	160	45.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	28.
Pyridine	ND		ug/kg	650	58.
Parathion, ethyl	ND		ug/kg	160	64.
1-Methylnaphthalene	ND		ug/kg	160	48.

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/30/15 08:43
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 01/29/15 15:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG759315-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	82		18-120

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/30/15 22:38
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 01/29/15 16:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG759327-1					
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
Isophorone	ND		ug/l	5.0	0.79
Nitrobenzene	ND		ug/l	2.0	0.40
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93
Butyl benzyl phthalate	ND		ug/l	5.0	1.1
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Diethyl phthalate	ND		ug/l	5.0	0.39
Dimethyl phthalate	ND		ug/l	5.0	0.33
Biphenyl	ND		ug/l	2.0	0.24
4-Chloroaniline	ND		ug/l	5.0	0.84
2-Nitroaniline	ND		ug/l	5.0	0.96
3-Nitroaniline	ND		ug/l	5.0	0.67
4-Nitroaniline	ND		ug/l	5.0	0.83
Dibenzofuran	ND		ug/l	2.0	0.22

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/30/15 22:38
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 01/29/15 16:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG759327-1					
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
Acetophenone	ND		ug/l	5.0	0.43
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54
2-Chlorophenol	ND		ug/l	2.0	0.58
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
2-Nitrophenol	ND		ug/l	10	1.0
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
Phenol	ND		ug/l	5.0	0.27
2-Methylphenol	ND		ug/l	5.0	0.70
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.68
Carbazole	ND		ug/l	2.0	0.37

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	88		41-149

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 01/30/15 17:21
Analyst: KV

Extraction Method: EPA 3510C
Extraction Date: 01/29/15 16:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02-04 Batch: WG759334-1					
Acenaphthene	ND		ug/l	0.20	0.06
2-Chloronaphthalene	ND		ug/l	0.20	0.07
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.07
Naphthalene	ND		ug/l	0.20	0.06
Benzo(a)anthracene	ND		ug/l	0.20	0.06
Benzo(a)pyrene	ND		ug/l	0.20	0.07
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07
Chrysene	ND		ug/l	0.20	0.05
Acenaphthylene	ND		ug/l	0.20	0.05
Anthracene	ND		ug/l	0.20	0.06
Benzo(ghi)perylene	ND		ug/l	0.20	0.07
Fluorene	ND		ug/l	0.20	0.06
Phenanthrene	ND		ug/l	0.20	0.06
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08
Pyrene	ND		ug/l	0.20	0.06
2-Methylnaphthalene	ND		ug/l	0.20	0.06
Pentachlorophenol	ND		ug/l	0.80	0.19
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.07

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 01/30/15 17:21
Analyst: KV

Extraction Method: EPA 3510C
Extraction Date: 01/29/15 16:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02-04 Batch: WG759334-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	82		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG759315-2 WG759315-3								
Acenaphthene	79		77		31-137	3		50
Benzidine	41		37		10-66	10		50
n-Nitrosodimethylamine	58		55		22-100	5		50
1,2,4-Trichlorobenzene	83		76		38-107	9		50
Hexachlorobenzene	89		88		40-140	1		50
Bis(2-chloroethyl)ether	68		62		40-140	9		50
2-Chloronaphthalene	83		77		40-140	8		50
1,2-Dichlorobenzene	71		67		40-140	6		50
1,3-Dichlorobenzene	70		65		40-140	7		50
1,4-Dichlorobenzene	71		65		28-104	9		50
3,3'-Dichlorobenzidine	72		71		40-140	1		50
2,4-Dinitrotoluene	**94**	Q	**92**	Q	28-89	2		50
2,6-Dinitrotoluene	96		91		40-140	5		50
Fluoranthene	87		85		40-140	2		50
4-Chlorophenyl phenyl ether	85		83		40-140	2		50
4-Bromophenyl phenyl ether	90		88		40-140	2		50
Azobenzene	80		79		40-140	1		50
Bis(2-chloroisopropyl)ether	62		55		40-140	12		50
Bis(2-chloroethoxy)methane	72		64		40-117	12		50
Hexachlorobutadiene	83		75		40-140	10		50
Hexachlorocyclopentadiene	95		82		40-140	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG759315-2 WG759315-3								
Hexachloroethane	64		59		40-140	8		50
Isophorone	74		64		40-140	14		50
Naphthalene	76		69		40-140	10		50
Nitrobenzene	73		65		40-140	12		50
NitrosoDiPhenylAmine(NDPA)/DPA	88		86		36-157	2		50
n-Nitrosodi-n-propylamine	73		64		32-121	13		50
Bis(2-Ethylhexyl)phthalate	82		81		40-140	1		50
Butyl benzyl phthalate	84		83		40-140	1		50
Di-n-butylphthalate	84		82		40-140	2		50
Di-n-octylphthalate	84		82		40-140	2		50
Diethyl phthalate	83		80		40-140	4		50
Dimethyl phthalate	82		81		40-140	1		50
Benzo(a)anthracene	82		79		40-140	4		50
Benzo(a)pyrene	83		81		40-140	2		50
Benzo(b)fluoranthene	81		81		40-140	0		50
Benzo(k)fluoranthene	83		78		40-140	6		50
Chrysene	84		81		40-140	4		50
Acenaphthylene	86		79		40-140	8		50
Anthracene	84		83		40-140	1		50
Benzo(ghi)perylene	83		80		40-140	4		50
Fluorene	83		81		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG759315-2 WG759315-3								
Phenanthrene	83		81		40-140	2		50
Dibenzo(a,h)anthracene	83		81		40-140	2		50
Indeno(1,2,3-cd)Pyrene	84		81		40-140	4		50
Pyrene	86		84		35-142	2		50
Biphenyl	82		79		54-104	4		50
Aniline	52		49		40-140	6		50
4-Chloroaniline	72		74		40-140	3		50
2-Nitroaniline	94		87		47-134	8		50
3-Nitroaniline	65		65		26-129	0		50
4-Nitroaniline	82		81		41-125	1		50
Dibenzofuran	85		83		40-140	2		50
2-Methylnaphthalene	84		76		40-140	10		50
1,2,4,5-Tetrachlorobenzene	82		79		40-117	4		50
Acetophenone	76		68		14-144	11		50
2,4,6-Trichlorophenol	101		93		30-130	8		50
P-Chloro-M-Cresol	95		89		26-103	7		50
2-Chlorophenol	84		74		25-102	13		50
2,4-Dichlorophenol	96		89		30-130	8		50
2,4-Dimethylphenol	90		80		30-130	12		50
2-Nitrophenol	93		82		30-130	13		50
4-Nitrophenol	95		93		11-114	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG759315-2 WG759315-3								
2,4-Dinitrophenol	93		93		4-130	0		50
4,6-Dinitro-o-cresol	106		103		10-130	3		50
Pentachlorophenol	92		90		17-109	2		50
Phenol	81		72		26-90	12		50
2-Methylphenol	86		76		30-130.	12		50
3-Methylphenol/4-Methylphenol	89		79		30-130	12		50
2,4,5-Trichlorophenol	101		98		30-130	3		50
Benzoic Acid	**8**	Q	**6**	Q	10-66	34		50
Benzyl Alcohol	78		70		40-140	11		50
Carbazole	86		84		54-128	2		50
Benzaldehyde	67		60		40-140	11		50
Caprolactam	86		81		15-130	6		50
Atrazine	95		93		40-140	2		50
2,3,4,6-Tetrachlorophenol	93		93		40-140	0		50
Pyridine	50		45		10-93	11		50
Parathion, ethyl	127		119		40-140	7		50
1-Methylnaphthalene	83		75		26-130	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG759315-2 WG759315-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		69		25-120
Phenol-d6	78		71		10-120
Nitrobenzene-d5	74		66		23-120
2-Fluorobiphenyl	87		79		30-120
2,4,6-Tribromophenol	103		103		10-136
4-Terphenyl-d14	90		90		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG759327-2 WG759327-3								
1,2,4-Trichlorobenzene	57		50		39-98	13		30
Bis(2-chloroethyl)ether	84		69		40-140	20		30
1,2-Dichlorobenzene	55		46		40-140	18		30
1,3-Dichlorobenzene	55		40		40-140	**32**	Q	30
1,4-Dichlorobenzene	54		44		36-97	20		30
3,3'-Dichlorobenzidine	96		100		40-140	4		30
2,4-Dinitrotoluene	**110**	Q	96		24-96	14		30
2,6-Dinitrotoluene	99		92		40-140	7		30
4-Chlorophenyl phenyl ether	82		70		40-140	16		30
4-Bromophenyl phenyl ether	91		76		40-140	18		30
Bis(2-chloroisopropyl)ether	74		64		40-140	14		30
Bis(2-chloroethoxy)methane	92		87		40-140	6		30
Hexachlorocyclopentadiene	54		54		40-140	0		30
Isophorone	100		92		40-140	8		30
Nitrobenzene	88		80		40-140	10		30
NitrosoDiPhenylAmine(NDPA)/DPA	99		88		40-140	12		30
n-Nitrosodi-n-propylamine	101		92		29-132	9		30
Bis(2-Ethylhexyl)phthalate	122		110		40-140	10		30
Butyl benzyl phthalate	111		102		40-140	8		30
Di-n-butylphthalate	109		100		40-140	9		30
Di-n-octylphthalate	121		106		40-140	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG759327-2 WG759327-3								
Diethyl phthalate	107		94		40-140	13		30
Dimethyl phthalate	101		91		40-140	10		30
Biphenyl	72		64		54-104	12		30
4-Chloroaniline	78		84		40-140	7		30
2-Nitroaniline	109		99		52-143	10		30
3-Nitroaniline	77		77		25-145	0		30
4-Nitroaniline	109		99		51-143	10		30
Dibenzofuran	85		75		40-140	13		30
1,2,4,5-Tetrachlorobenzene	62		54		2-134	14		30
Acetophenone	94		84		39-129	11		30
2,4,6-Trichlorophenol	100		95		30-130	5		30
P-Chloro-M-Cresol	**110**	Q	**104**	Q	23-97	6		30
2-Chlorophenol	87		76		27-123	13		30
2,4-Dichlorophenol	94		91		30-130	3		30
2,4-Dimethylphenol	82		84		30-130	2		30
2-Nitrophenol	96		87		30-130	10		30
4-Nitrophenol	80		69		10-80	15		30
2,4-Dinitrophenol	93		83		20-130	11		30
4,6-Dinitro-o-cresol	102		91		20-164	11		30
Phenol	45		41		12-110	9		30
2-Methylphenol	83		80		30-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: TAYSTEE

Project Number: 28581.00

Lab Number: L1501755

Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG759327-2 WG759327-3								
3-Methylphenol/4-Methylphenol	82		78		30-130	5		30
2,4,5-Trichlorophenol	101		95		30-130	6		30
Benzoic Acid	15		18		10-110	18		30
Benzyl Alcohol	89		82		15-110	8		30
Carbazole	105		98		55-144	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		53		21-120
Phenol-d6	43		40		10-120
Nitrobenzene-d5	99		88		23-120
2-Fluorobiphenyl	86		80		15-120
2,4,6-Tribromophenol	108		99		10-120
4-Terphenyl-d14	100		92		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-04 Batch: WG759334-2 WG759334-3								
Acenaphthene	58		76		37-111	27		40
2-Chloronaphthalene	60		77		40-140	25		40
Fluoranthene	73		86		40-140	16		40
Hexachlorobutadiene	44		62		40-140	34		40
Naphthalene	54		72		40-140	29		40
Benzo(a)anthracene	75		92		40-140	20		40
Benzo(a)pyrene	71		91		40-140	25		40
Benzo(b)fluoranthene	78		99		40-140	24		40
Benzo(k)fluoranthene	70		88		40-140	23		40
Chrysene	70		85		40-140	19		40
Acenaphthylene	68		85		40-140	22		40
Anthracene	64		79		40-140	21		40
Benzo(ghi)perylene	70		87		40-140	22		40
Fluorene	66		87		40-140	27		40
Phenanthrene	62		76		40-140	20		40
Dibenzo(a,h)anthracene	73		91		40-140	22		40
Indeno(1,2,3-cd)Pyrene	77		96		40-140	22		40
Pyrene	73		84		26-127	14		40
2-Methylnaphthalene	64		78		40-140	20		40
Pentachlorophenol	65		72		9-103	10		40
Hexachlorobenzene	59		73		40-140	21		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-04 Batch: WG759334-2 WG759334-3								
Hexachloroethane	44		66		40-140	40		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	37		52		21-120
Phenol-d6	31		40		10-120
Nitrobenzene-d5	78		103		23-120
2-Fluorobiphenyl	65		90		15-120
2,4,6-Tribromophenol	77		99		10-120
4-Terphenyl-d14	76		89		41-149

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG759315-4 WG759315-5 QC Sample: L1501774-04 Client ID: MS Sample												
Acenaphthene	ND	1610	1400	87		1400	86		31-137	0		50
1,2,4-Trichlorobenzene	ND	1610	1400	87		1400	86		38-107	0		50
Hexachlorobenzene	ND	1610	1300	81		1300	80		40-140	0		50
Bis(2-chloroethyl)ether	ND	1610	1300	81		1400	86		40-140	7		50
2-Chloronaphthalene	ND	1610	1400	87		1300	80		40-140	7		50
1,2-Dichlorobenzene	ND	1610	1300	81		1300	80		40-140	0		50
1,3-Dichlorobenzene	ND	1610	1300	81		1300	80		40-140	0		50
1,4-Dichlorobenzene	ND	1610	1300	81		1300	80		28-104	0		50
3,3'-Dichlorobenzidine	ND	1610	1500	93		1500	92		40-140	0		50
2,4-Dinitrotoluene	ND	1610	1600	**99**	Q	1600	**98**	Q	28-89	0		50
2,6-Dinitrotoluene	ND	1610	1500	93		1500	92		40-140	0		50
Fluoranthene	ND	1610	1600	99		1800	110		40-140	12		50
4-Chlorophenyl phenyl ether	ND	1610	1400	87		1400	86		40-140	0		50
4-Bromophenyl phenyl ether	ND	1610	1400	87		1400	86		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1610	1400	87		1300	80		40-140	7		50
Bis(2-chloroethoxy)methane	ND	1610	1400	87		1400	86		40-117	0		50
Hexachlorobutadiene	ND	1610	1400	87		1300	80		40-140	7		50
Hexachlorocyclopentadiene	ND	1610	1600	99		1500	92		40-140	6		50
Hexachloroethane	ND	1610	1300	81		1300	80		40-140	0		50
Isophorone	ND	1610	1500	93		1500	92		40-140	0		50
Naphthalene	ND	1610	1400	87		1300	80		40-140	7		50

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG759315-4 WG759315-5 QC Sample: L1501774-04 Client ID: MS Sample												
Nitrobenzene	ND	1610	1500	93		1500	92		40-140	0		50
NitrosoDiPhenylAmine(NDPA)/DPA	ND	1610	1400	87		1600	98		36-157	13		50
n-Nitrosodi-n-propylamine	ND	1610	1600	99		1600	98		32-121	0		50
Bis(2-Ethylhexyl)phthalate	78.J	1610	2100	130		2000	120		40-140	5		50
Butyl benzyl phthalate	ND	1610	1800	110		1900	120		40-140	5		50
Di-n-butylphthalate	ND	1610	1700	110		1800	110		40-140	6		50
Di-n-octylphthalate	ND	1610	2000	120		2000	120		40-140	0		50
Diethyl phthalate	ND	1610	1600	99		1600	98		40-140	0		50
Dimethyl phthalate	ND	1610	1600	99		1500	92		40-140	6		50
Benzo(a)anthracene	ND	1610	1600	99		1600	98		40-140	0		50
Benzo(a)pyrene	ND	1610	1600	99		1600	98		40-140	0		50
Benzo(b)fluoranthene	ND	1610	1500	93		1600	98		40-140	6		50
Benzo(k)fluoranthene	ND	1610	1500	93		1500	92		40-140	0		50
Chrysene	ND	1610	1500	93		1500	92		40-140	0		50
Acenaphthylene	ND	1610	1400	87		1400	86		40-140	0		50
Anthracene	ND	1610	1600	99		1600	98		40-140	0		50
Benzo(ghi)perylene	ND	1610	1400	87		1400	86		40-140	0		50
Fluorene	ND	1610	1400	87		1400	86		40-140	0		50
Phenanthrene	ND	1610	1500	93		1500	92		40-140	0		50
Dibenzo(a,h)anthracene	ND	1610	1400	87		1500	92		40-140	7		50
Indeno(1,2,3-cd)Pyrene	ND	1610	1500	93		1500	92		40-140	0		50

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG759315-4 WG759315-5 QC Sample: L1501774-04 Client ID: MS Sample												
Pyrene	ND	1610	1500	93		1700	100		35-142	13		50
Biphenyl	ND	1610	1600	99		1500	92		54-104	6		50
4-Chloroaniline	ND	1610	1900	120		1800	110		40-140	5		50
2-Nitroaniline	ND	1610	1700	110		1600	98		47-134	6		50
3-Nitroaniline	ND	1610	1300	81		1400	86		26-129	7		50
4-Nitroaniline	ND	1610	1600	99		1600	98		41-125	0		50
Dibenzofuran	ND	1610	1500	93		1500	92		40-140	0		50
2-Methylnaphthalene	ND	1610	1600	99		1400	86		40-140	13		50
1,2,4,5-Tetrachlorobenzene	ND	1610	1600	99		1400	86		40-117	13		50
Acetophenone	ND	1610	1500	93		1500	92		14-144	0		50
2,4,6-Trichlorophenol	ND	1610	1600	99		1700	100		30-130	6		50
P-Chloro-M-Cresol	ND	1610	1800	**110**	Q	1800	**110**	Q	26-103	0		50
2-Chlorophenol	ND	1610	1500	93		1500	92		25-102	0		50
2,4-Dichlorophenol	ND	1610	1700	110		1700	100		30-130	0		50
2,4-Dimethylphenol	ND	1610	1500	93		1700	100		30-130	13		50
2-Nitrophenol	ND	1610	1600	99		1600	98		30-130	0		50
4-Nitrophenol	ND	1610	2100	**130**	Q	2100	**130**	Q	11-114	0		50
2,4-Dinitrophenol	ND	1610	770J	48		790J	49		4-130	3		50
4,6-Dinitro-o-cresol	ND	1610	1200	74		1400	86		10-130	15		50
Pentachlorophenol	ND	1610	1400	87		1300	80		17-109	7		50
Phenol	ND	1610	1400	87		1500	**92**	Q	26-90	7		50

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG759315-4 WG759315-5 QC Sample: L1501774-04 Client ID: MS Sample												
2-Methylphenol	ND	1610	1500	93		1600	98		30-130.	6		50
3-Methylphenol/4-Methylphenol	ND	1610	1600	99		1600	98		30-130	0		50
2,4,5-Trichlorophenol	ND	1610	1600	99		1600	98		30-130	0		50
Benzoic Acid	ND	1610	ND	**0**	Q	ND	**0**	Q	10-66	NC		50
Benzyl Alcohol	ND	1610	1600	99		1600	98		40-140	0		50
Carbazole	ND	1610	1600	99		1500	92		54-128	6		50
Benzaldehyde	ND	1610	1500	93		1400	86		40-140	7		50
Caprolactam	ND	1610	1400	87		1400	86		15-130	0		50
Atrazine	ND	1610	940	58		880	54		40-140	7		50
2,3,4,6-Tetrachlorophenol	ND	1610	1500	93		1500	92		40-140	0		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	107		115		10-136
2-Fluorobiphenyl	91		85		30-120
2-Fluorophenol	93		91		25-120
4-Terphenyl-d14	93		94		18-120
Nitrobenzene-d5	97		95		23-120
Phenol-d6	89		94		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG759315-6 WG759315-7 QC Sample: L1501774-07 Client ID: MS Sample												
Acenaphthene	ND	1580	1400	88		1500	95		31-137	7		50
1,2,4-Trichlorobenzene	ND	1580	1400	88		1400	89		38-107	0		50
Hexachlorobenzene	ND	1580	1400	88		1500	95		40-140	7		50
Bis(2-chloroethyl)ether	ND	1580	1300	82		1500	95		40-140	14		50
2-Chloronaphthalene	ND	1580	1400	88		1400	89		40-140	0		50
1,2-Dichlorobenzene	ND	1580	1300	82		1400	89		40-140	7		50
1,3-Dichlorobenzene	ND	1580	1200	76		1300	82		40-140	8		50
1,4-Dichlorobenzene	ND	1580	1300	82		1300	82		28-104	0		50
3,3'-Dichlorobenzidine	ND	1580	1600	100		1400	89		40-140	13		50
2,4-Dinitrotoluene	ND	1580	1600	**100**	Q	1600	**100**	Q	28-89	0		50
2,6-Dinitrotoluene	ND	1580	1500	95		1500	95		40-140	0		50
Fluoranthene	ND	1580	1600	100		1800	110		40-140	12		50
4-Chlorophenyl phenyl ether	ND	1580	1400	88		1500	95		40-140	7		50
4-Bromophenyl phenyl ether	ND	1580	1500	95		1500	95		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1580	1300	82		1400	89		40-140	7		50
Bis(2-chloroethoxy)methane	ND	1580	1400	88		1600	100		40-117	13		50
Hexachlorobutadiene	ND	1580	1300	82		1400	89		40-140	7		50
Hexachlorocyclopentadiene	ND	1580	1600	100		1500	95		40-140	6		50
Hexachloroethane	ND	1580	1400	88		1400	89		40-140	0		50
Isophorone	ND	1580	1500	95		1700	110		40-140	13		50
Naphthalene	ND	1580	1400	88		1400	89		40-140	0		50

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG759315-6 WG759315-7 QC Sample: L1501774-07 Client ID: MS Sample												
Nitrobenzene	ND	1580	1600	100		1600	100		40-140	0		50
NitrosoDiPhenylAmine(NDPA)/DPA	ND	1580	1600	100		1600	100		36-157	0		50
n-Nitrosodi-n-propylamine	ND	1580	1600	100		1800	110		32-121	12		50
Bis(2-Ethylhexyl)phthalate	ND	1580	2100	130		2100	130		40-140	0		50
Butyl benzyl phthalate	ND	1580	2000	130		2000	130		40-140	0		50
Di-n-butylphthalate	ND	1580	1700	110		1800	110		40-140	6		50
Di-n-octylphthalate	ND	1580	2200	140		2000	130		40-140	10		50
Diethyl phthalate	ND	1580	1600	100		1700	110		40-140	6		50
Dimethyl phthalate	ND	1580	1600	100		1600	100		40-140	0		50
Benzo(a)anthracene	ND	1580	1600	100		1600	100		40-140	0		50
Benzo(a)pyrene	ND	1580	1600	100		1700	110		40-140	6		50
Benzo(b)fluoranthene	ND	1580	1600	100		1800	110		40-140	12		50
Benzo(k)fluoranthene	ND	1580	1500	95		1700	110		40-140	13		50
Chrysene	ND	1580	1500	95		1600	100		40-140	6		50
Acenaphthylene	ND	1580	1400	88		1500	95		40-140	7		50
Anthracene	ND	1580	1600	100		1700	110		40-140	6		50
Benzo(ghi)perylene	ND	1580	1300	82		1500	95		40-140	14		50
Fluorene	ND	1580	1500	95		1500	95		40-140	0		50
Phenanthrene	ND	1580	1500	95		1500	95		40-140	0		50
Dibenzo(a,h)anthracene	ND	1580	1500	95		1500	95		40-140	0		50
Indeno(1,2,3-cd)Pyrene	ND	1580	1600	100		1600	100		40-140	0		50

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG759315-6 WG759315-7 QC Sample: L1501774-07 Client ID: MS Sample												
Pyrene	ND	1580	1600	100		1800	110		35-142	12		50
Biphenyl	ND	1580	1600	100		1600	100		54-104	0		50
4-Chloroaniline	ND	1580	1800	110		1800	110		40-140	0		50
2-Nitroaniline	ND	1580	1600	100		1800	110		47-134	12		50
3-Nitroaniline	ND	1580	1300	82		1300	82		26-129	0		50
4-Nitroaniline	ND	1580	1600	100		1600	100		41-125	0		50
Dibenzofuran	ND	1580	1500	95		1600	100		40-140	6		50
2-Methylnaphthalene	ND	1580	1400	88		1500	95		40-140	7		50
1,2,4,5-Tetrachlorobenzene	ND	1580	1500	95		1500	95		40-117	0		50
Acetophenone	ND	1580	1600	100		1700	110		14-144	6		50
2,4,6-Trichlorophenol	ND	1580	1600	100		1700	110		30-130	6		50
P-Chloro-M-Cresol	ND	1580	1700	**110**	Q	1900	**120**	Q	26-103	11		50
2-Chlorophenol	ND	1580	1400	88		1600	100		25-102	13		50
2,4-Dichlorophenol	ND	1580	1700	110		1700	110		30-130	0		50
2,4-Dimethylphenol	ND	1580	1600	100		1700	110		30-130	6		50
2-Nitrophenol	ND	1580	1500	95		1700	110		30-130	13		50
4-Nitrophenol	ND	1580	2200	**140**	Q	2300	**150**	Q	11-114	4		50
2,4-Dinitrophenol	ND	1580	770J	49		780J	49		4-130	1		50
4,6-Dinitro-o-cresol	ND	1580	1400	88		1400	89		10-130	0		50
Pentachlorophenol	ND	1580	1400	88		1500	95		17-109	7		50
Phenol	ND	1580	1500	**95**	Q	1600	**100**	Q	26-90	6		50

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG759315-6 WG759315-7 QC Sample: L1501774-07 Client ID: MS Sample												
2-Methylphenol	ND	1580	1600	100		1700	110		30-130.	6		50
3-Methylphenol/4-Methylphenol	ND	1580	1700	110		1800	110		30-130	6		50
2,4,5-Trichlorophenol	ND	1580	1500	95		1700	110		30-130	13		50
Benzoic Acid	ND	1580	ND	**0**	Q	ND	**0**	Q	10-66	NC		50
Benzyl Alcohol	ND	1580	1600	100		1800	110		40-140	12		50
Carbazole	ND	1580	1600	100		1700	110		54-128	6		50
Benzaldehyde	ND	1580	1400	88		1500	95		40-140	7		50
Caprolactam	ND	1580	1400	88		1600	100		15-130	13		50
Atrazine	ND	1580	940	59		950	60		40-140	1		50
2,3,4,6-Tetrachlorophenol	ND	1580	1500	95		1600	100		40-140	6		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	103		110		10-136
2-Fluorobiphenyl	87		86		30-120
2-Fluorophenol	89		101		25-120
4-Terphenyl-d14	104		103		18-120
Nitrobenzene-d5	99		106		23-120
Phenol-d6	91		97		10-120

PCBS

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-01	Date Collected:	01/23/15 09:05
Client ID:	SB-10	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/29/15 01:16
Analytical Date:	01/29/15 17:08	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	01/29/15
Percent Solids:	89%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/29/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	2.88	1	A
Aroclor 1221	ND		ug/kg	36.4	3.36	1	A
Aroclor 1232	ND		ug/kg	36.4	4.27	1	A
Aroclor 1242	ND		ug/kg	36.4	4.46	1	A
Aroclor 1248	ND		ug/kg	36.4	3.07	1	A
Aroclor 1254	ND		ug/kg	36.4	2.99	1	A
Aroclor 1260	ND		ug/kg	36.4	2.78	1	A
Aroclor 1262	ND		ug/kg	36.4	1.81	1	A
Aroclor 1268	ND		ug/kg	36.4	5.28	1	A
PCBs, Total	ND		ug/kg	36.4	1.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-02	Date Collected:	01/23/15 13:37
Client ID:	GW-1	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	01/29/15 00:27
Analytical Date:	01/29/15 14:21	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	01/29/15
		Cleanup Method:	EPA 3660B
		Cleanup Date:	01/29/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	68		30-150	B
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	67		30-150	A

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-03
Client ID:	GW-2
Sample Location:	HARLEM, NYC
Matrix:	Water
Analytical Method:	1,8082A
Analytical Date:	01/29/15 14:35
Analyst:	JW

Date Collected:	01/23/15 11:16
Date Received:	01/26/15
Field Prep:	Not Specified
Extraction Method:	EPA 3510C
Extraction Date:	01/29/15 00:27
Cleanup Method:	EPA 3665A
Cleanup Date:	01/29/15
Cleanup Method:	EPA 3660B
Cleanup Date:	01/29/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	51		30-150	B
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	55		30-150	A

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-04	Date Collected:	01/23/15 12:40
Client ID:	GW-3	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	01/29/15 00:27
Analytical Date:	01/29/15 14:48	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	01/29/15
		Cleanup Method:	EPA 3660B
		Cleanup Date:	01/29/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	52		30-150	B
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	58		30-150	A

Project Name: TAYSTEE

Project Number: 28581.00

Lab Number: L1501755

Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/29/15 10:47
Analyst: JW

Extraction Method: EPA 3510C
Extraction Date: 01/29/15 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/15
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02-04 Batch: WG759046-1						
Aroclor 1016	ND		ug/l	0.083	0.055	A
Aroclor 1221	ND		ug/l	0.083	0.053	A
Aroclor 1232	ND		ug/l	0.083	0.031	A
Aroclor 1242	ND		ug/l	0.083	0.060	A
Aroclor 1248	ND		ug/l	0.083	0.051	A
Aroclor 1254	ND		ug/l	0.083	0.034	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.029	A
Aroclor 1268	ND		ug/l	0.083	0.038	A
PCBs, Total	ND		ug/l	0.083	0.029	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	62		30-150	B
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	61		30-150	A

Project Name: TAYSTEE

Project Number: 28581.00

Lab Number: L1501755

Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/29/15 18:49
Analyst: JT

Extraction Method: EPA 3546
Extraction Date: 01/29/15 01:16
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/15
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG759065-1						
Aroclor 1016	ND		ug/kg	31.5	2.49	A
Aroclor 1221	ND		ug/kg	31.5	2.91	A
Aroclor 1232	ND		ug/kg	31.5	3.69	A
Aroclor 1242	ND		ug/kg	31.5	3.86	A
Aroclor 1248	ND		ug/kg	31.5	2.66	A
Aroclor 1254	ND		ug/kg	31.5	2.59	A
Aroclor 1260	ND		ug/kg	31.5	2.40	A
Aroclor 1262	ND		ug/kg	31.5	1.56	A
Aroclor 1268	ND		ug/kg	31.5	4.57	A
PCBs, Total	ND		ug/kg	31.5	1.56	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	78		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02-04 Batch: WG759046-2 WG759046-3									
Aroclor 1016	91		75		40-140	18		50	A
Aroclor 1260	81		68		40-140	16		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		65		30-150	B
Decachlorobiphenyl	73		48		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		61		30-150	A
Decachlorobiphenyl	72		48		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG759065-2 WG759065-3									
Aroclor 1016	89		88		40-140	1		50	A
Aroclor 1260	93		92		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		80		30-150	A
Decachlorobiphenyl	84		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		77		30-150	B
Decachlorobiphenyl	80		77		30-150	B

PESTICIDES

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-01	Date Collected:	01/23/15 09:05
Client ID:	SB-10	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/29/15 19:30
Analytical Date:	01/30/15 20:04	Cleanup Method:	EPA 3620B
Analyst:	SS	Cleanup Date:	01/30/15
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.701	0.313	1	A
Alpha-BHC	ND		ug/kg	0.701	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.638	1	A
Heptachlor	ND		ug/kg	0.841	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.946	1	A
Endrin	ND		ug/kg	0.701	0.287	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	3.15	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.701	0.334	1	A
Methoxychlor	ND		ug/kg	3.15	0.981	1	A
Toxaphene	ND		ug/kg	31.5	8.83	1	A
cis-Chlordane	ND		ug/kg	2.10	0.586	1	A
trans-Chlordane	ND		ug/kg	2.10	0.555	1	A
Chlordane	ND		ug/kg	13.7	5.57	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	60		30-150	B
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	63		30-150	A

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-02	Date Collected:	01/23/15 13:37
Client ID:	GW-1	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	01/29/15 00:31
Analytical Date:	01/29/15 17:29	Cleanup Method:	EPA 3620B
Analyst:	TQ	Cleanup Date:	01/29/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-03	Date Collected:	01/23/15 11:16
Client ID:	GW-2	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	01/29/15 00:31
Analytical Date:	01/29/15 17:42	Cleanup Method:	EPA 3620B
Analyst:	TQ	Cleanup Date:	01/29/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1501755-04	Date Collected:	01/23/15 12:40
Client ID:	GW-3	Date Received:	01/26/15
Sample Location:	HARLEM, NYC	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	01/29/15 00:31
Analytical Date:	01/29/15 17:55	Cleanup Method:	EPA 3620B
Analyst:	TQ	Cleanup Date:	01/29/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/29/15 14:13
Analyst: TQ

Extraction Method: EPA 3510C
Extraction Date: 01/29/15 00:31
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-04 Batch: WG759050-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/30/15 18:20
Analyst: SS

Extraction Method: EPA 3546
Extraction Date: 01/29/15 19:30
Cleanup Method: EPA 3620B
Cleanup Date: 01/30/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG759373-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.638	0.285	A
Alpha-BHC	ND		ug/kg	0.638	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.766	0.343	A
Aldrin	ND		ug/kg	1.53	0.539	A
Heptachlor epoxide	ND		ug/kg	2.87	0.862	A
Endrin	ND		ug/kg	0.638	0.262	A
Endrin aldehyde	ND		ug/kg	1.91	0.670	A
Endrin ketone	ND		ug/kg	1.53	0.394	A
Dieldrin	ND		ug/kg	0.957	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.546	A
4,4'-DDT	ND		ug/kg	2.87	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.638	0.304	A
Methoxychlor	ND		ug/kg	2.87	0.893	A
Toxaphene	ND		ug/kg	28.7	8.04	A
cis-Chlordane	ND		ug/kg	1.91	0.534	A
trans-Chlordane	ND		ug/kg	1.91	0.505	A
Chlordane	ND		ug/kg	12.4	5.07	A

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/30/15 18:20
Analyst: SS

Extraction Method: EPA 3546
Extraction Date: 01/29/15 19:30
Cleanup Method: EPA 3620B
Cleanup Date: 01/30/15

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG759373-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	62		30-150	B
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	52		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-04 Batch: WG759050-2 WG759050-3									
Delta-BHC	85		76		30-150	11		20	A
Lindane	76		46		30-150	**50**	Q	20	A
Alpha-BHC	84		36		30-150	**79**	Q	20	A
Beta-BHC	84		67		30-150	**23**	Q	20	A
Heptachlor	88		61		30-150	**37**	Q	20	A
Aldrin	85		65		30-150	**27**	Q	20	A
Heptachlor epoxide	87		74		30-150	16		20	A
Endrin	89		79		30-150	11		20	A
Endrin ketone	66		67		30-150	1		20	A
Dieldrin	87		78		30-150	11		20	A
4,4'-DDE	92		84		30-150	9		20	A
4,4'-DDD	102		96		30-150	6		20	A
4,4'-DDT	70		62		30-150	11		20	A
Endosulfan I	80		71		30-150	12		20	A
Endosulfan II	82		77		30-150	6		20	A
Endosulfan sulfate	64		66		30-150	3		20	A
Methoxychlor	69		64		30-150	7		20	A
cis-Chlordane	83		75		30-150	10		20	A
trans-Chlordane	95		85		30-150	12		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-04 Batch: WG759050-2 WG759050-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		**20**	Q	30-150	A
Decachlorobiphenyl	59		51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		**20**	Q	30-150	B
Decachlorobiphenyl	64		53		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG759373-2 WG759373-3									
Delta-BHC	63		60		30-150	5		30	A
Lindane	74		72		30-150	3		30	A
Alpha-BHC	83		80		30-150	4		30	A
Beta-BHC	79		95		30-150	18		30	A
Heptachlor	83		81		30-150	2		30	A
Aldrin	79		77		30-150	3		30	A
Heptachlor epoxide	79		78		30-150	1		30	A
Endrin	83		81		30-150	2		30	A
Endrin aldehyde	64		60		30-150	6		30	A
Endrin ketone	69		65		30-150	6		30	A
Dieldrin	79		77		30-150	3		30	A
4,4'-DDE	83		81		30-150	2		30	A
4,4'-DDD	84		82		30-150	2		30	A
4,4'-DDT	79		80		30-150	1		30	A
Endosulfan I	72		71		30-150	1		30	A
Endosulfan II	78		75		30-150	4		30	A
Endosulfan sulfate	67		63		30-150	6		30	A
Methoxychlor	77		76		30-150	1		30	A
cis-Chlordane	75		74		30-150	1		30	A
trans-Chlordane	89		85		30-150	5		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG759373-2 WG759373-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		82		30-150	B
Decachlorobiphenyl	73		83		30-150	B
2,4,5,6-Tetrachloro-m-xylene	73		73		30-150	A
Decachlorobiphenyl	65		65		30-150	A

METALS

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-01
Client ID: SB-10
Sample Location: HARLEM, NYC
Matrix: Soil
Percent Solids: 89%

Date Collected: 01/23/15 09:05
Date Received: 01/26/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	8.4	1.7	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.2	0.67	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Arsenic, Total	2.7		mg/kg	0.84	0.17	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Barium, Total	76		mg/kg	0.84	0.25	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Beryllium, Total	0.38	J	mg/kg	0.42	0.08	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.84	0.06	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Calcium, Total	1600		mg/kg	8.4	2.5	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Chromium, Total	26		mg/kg	0.84	0.17	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Cobalt, Total	9.0		mg/kg	1.7	0.42	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Copper, Total	41		mg/kg	0.84	0.17	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Iron, Total	18000		mg/kg	4.2	1.7	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Lead, Total	17		mg/kg	4.2	0.17	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Magnesium, Total	2800		mg/kg	8.4	0.84	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Manganese, Total	220		mg/kg	0.84	0.17	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Mercury, Total	0.09		mg/kg	0.07	0.02	1	01/30/15 10:38	01/30/15 15:57	EPA 7471B	1,7471B	MC
Nickel, Total	20		mg/kg	2.1	0.34	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Potassium, Total	930		mg/kg	210	34.	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.7	0.25	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.84	0.17	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Sodium, Total	260		mg/kg	170	25.	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.7	0.34	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Vanadium, Total	42		mg/kg	0.84	0.08	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG
Zinc, Total	59		mg/kg	4.2	0.59	2	01/30/15 09:12	01/30/15 13:15	EPA 3050B	1,6010C	MG

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-02
Client ID: GW-1
Sample Location: HARLEM, NYC
Matrix: Water

Date Collected: 01/23/15 13:37
Date Received: 01/26/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	1.32		mg/l	0.200	0.0338	20	01/30/15 16:11	01/31/15 16:36	EPA 3005A	1,6020A	KL
Antimony, Total	0.00138	J	mg/l	0.00200	0.00006	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Arsenic, Total	0.00117		mg/l	0.00050	0.00012	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Barium, Total	0.1365		mg/l	0.00050	0.00006	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Beryllium, Total	0.00032	J	mg/l	0.00050	0.00015	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Cadmium, Total	0.00016	J	mg/l	0.00020	0.00005	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Calcium, Total	104.		mg/l	2.00	0.640	20	01/30/15 16:11	01/31/15 16:36	EPA 3005A	1,6020A	KL
Chromium, Total	0.00840		mg/l	0.00100	0.00025	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Cobalt, Total	0.00289		mg/l	0.00020	0.00006	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Copper, Total	0.01349		mg/l	0.00100	0.00026	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Iron, Total	15.4		mg/l	0.0500	0.0120	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Lead, Total	0.00732		mg/l	0.00100	0.00012	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Magnesium, Total	32.6		mg/l	0.0700	0.0223	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Manganese, Total	6.588		mg/l	0.01000	0.00604	20	01/30/15 16:11	01/31/15 16:36	EPA 3005A	1,6020A	KL
Mercury, Total	ND		mg/l	0.00020	0.00006	1	01/30/15 14:00	02/02/15 10:39	EPA 7470A	1,7470A	AB
Nickel, Total	0.00587		mg/l	0.00050	0.00008	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Potassium, Total	8.25		mg/l	0.100	0.0193	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Selenium, Total	0.00130	J	mg/l	0.00500	0.00100	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Silver, Total	ND		mg/l	0.00040	0.00007	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Sodium, Total	175.		mg/l	2.00	0.322	20	01/30/15 16:11	01/31/15 16:36	EPA 3005A	1,6020A	KL
Thallium, Total	0.00005	J	mg/l	0.00050	0.00005	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Vanadium, Total	0.00859		mg/l	0.00500	0.00055	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Zinc, Total	0.01251		mg/l	0.01000	0.00256	1	01/30/15 16:11	01/31/15 16:40	EPA 3005A	1,6020A	KL
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.054		mg/l	0.010	0.002	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Antimony, Dissolved	0.0009	J	mg/l	0.0010	0.0001	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Arsenic, Dissolved	0.0002	J	mg/l	0.0005	0.0001	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Barium, Dissolved	0.0645		mg/l	0.0005	0.0001	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0005	0.0002	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0002	0.0001	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-02
Client ID: GW-1
Sample Location: HARLEM, NYC
Matrix: Water

Date Collected: 01/23/15 13:37
Date Received: 01/26/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	49.0		mg/l	2.00	0.640	20	01/31/15 12:44	02/02/15 18:29	EPA 3005A	1,6020A	BM
Chromium, Dissolved	0.0006	J	mg/l	0.0010	0.0003	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Cobalt, Dissolved	0.0010		mg/l	0.0002	0.0001	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Copper, Dissolved	0.0009	J	mg/l	0.0010	0.0003	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Iron, Dissolved	0.118		mg/l	0.050	0.012	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Lead, Dissolved	0.0003	J	mg/l	0.0010	0.0001	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Magnesium, Dissolved	14.9		mg/l	0.070	0.022	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Manganese, Dissolved	2.516		mg/l	0.0100	0.0060	20	01/31/15 12:44	02/02/15 18:29	EPA 3005A	1,6020A	BM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	01/30/15 14:32	02/02/15 11:43	EPA 7470A	1,7470A	AB
Nickel, Dissolved	0.0023		mg/l	0.0005	0.0001	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Potassium, Dissolved	4.55		mg/l	0.100	0.019	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Selenium, Dissolved	0.001	J	mg/l	0.005	0.001	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Silver, Dissolved	ND		mg/l	0.0003	0.0001	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Sodium, Dissolved	107		mg/l	2.00	0.322	20	01/31/15 12:44	02/02/15 18:29	EPA 3005A	1,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0002	0.0001	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0050	0.0006	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM
Zinc, Dissolved	ND		mg/l	0.0100	0.0026	1	01/31/15 12:44	02/02/15 18:00	EPA 3005A	1,6020A	BM

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-03
Client ID: GW-2
Sample Location: HARLEM, NYC
Matrix: Water

Date Collected: 01/23/15 11:16
Date Received: 01/26/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	38.4		mg/l	2.00	0.338	200	01/30/15 16:11	02/03/15 10:18	EPA 3005A	1,6020A	KL
Antimony, Total	0.00110	J	mg/l	0.00200	0.00006	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Arsenic, Total	0.00842		mg/l	0.00050	0.00012	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Barium, Total	0.7822		mg/l	0.01000	0.00125	20	01/30/15 16:11	01/31/15 16:43	EPA 3005A	1,6020A	KL
Beryllium, Total	0.00911		mg/l	0.00050	0.00015	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Cadmium, Total	0.00591		mg/l	0.00020	0.00005	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Calcium, Total	116.		mg/l	2.00	0.640	20	01/30/15 16:11	01/31/15 16:43	EPA 3005A	1,6020A	KL
Chromium, Total	0.1048		mg/l	0.00100	0.00025	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Cobalt, Total	0.06334		mg/l	0.00020	0.00006	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Copper, Total	0.2459		mg/l	0.00100	0.00026	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Iron, Total	28.7		mg/l	0.0500	0.0120	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Lead, Total	0.09296		mg/l	0.00100	0.00012	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Magnesium, Total	41.1		mg/l	14.0	4.46	200	01/30/15 16:11	02/03/15 10:18	EPA 3005A	1,6020A	KL
Manganese, Total	18.08		mg/l	0.2000	0.06040	200	01/30/15 16:11	02/03/15 10:18	EPA 3005A	1,6020A	KL
Mercury, Total	0.00014	J	mg/l	0.00020	0.00006	1	01/30/15 14:00	02/02/15 10:41	EPA 7470A	1,7470A	AB
Nickel, Total	0.1228		mg/l	0.00050	0.00008	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Potassium, Total	8.36		mg/l	0.100	0.0193	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Selenium, Total	0.0235		mg/l	0.00500	0.00100	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Silver, Total	0.00024	J	mg/l	0.00040	0.00007	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Sodium, Total	189.		mg/l	2.00	0.322	20	01/30/15 16:11	01/31/15 16:43	EPA 3005A	1,6020A	KL
Thallium, Total	0.00047	J	mg/l	0.00050	0.00005	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Vanadium, Total	0.02667		mg/l	0.00500	0.00055	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Zinc, Total	0.1826		mg/l	0.01000	0.00256	1	01/30/15 16:11	01/31/15 16:47	EPA 3005A	1,6020A	KL
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.013		mg/l	0.010	0.002	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Antimony, Dissolved	0.0004	J	mg/l	0.0010	0.0001	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0005	0.0001	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Barium, Dissolved	0.1542		mg/l	0.0005	0.0001	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0005	0.0002	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Cadmium, Dissolved	0.0007		mg/l	0.0002	0.0001	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-03
Client ID: GW-2
Sample Location: HARLEM, NYC
Matrix: Water

Date Collected: 01/23/15 11:16
Date Received: 01/26/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	93.4		mg/l	2.00	0.640	20	01/31/15 12:44	02/02/15 18:35	EPA 3005A	1,6020A	BM
Chromium, Dissolved	0.0007	J	mg/l	0.0010	0.0003	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Cobalt, Dissolved	0.0066		mg/l	0.0002	0.0001	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Copper, Dissolved	0.0021		mg/l	0.0010	0.0003	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Iron, Dissolved	0.024	J	mg/l	0.050	0.012	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Lead, Dissolved	ND		mg/l	0.0010	0.0001	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Magnesium, Dissolved	22.6		mg/l	0.070	0.022	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Manganese, Dissolved	2.908		mg/l	0.0100	0.0060	20	01/31/15 12:44	02/02/15 18:35	EPA 3005A	1,6020A	BM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	01/30/15 14:32	02/02/15 11:49	EPA 7470A	1,7470A	AB
Nickel, Dissolved	0.0233		mg/l	0.0005	0.0001	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Potassium, Dissolved	10.6		mg/l	0.100	0.019	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Selenium, Dissolved	0.002	J	mg/l	0.005	0.001	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Silver, Dissolved	ND		mg/l	0.0003	0.0001	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Sodium, Dissolved	192		mg/l	2.00	0.322	20	01/31/15 12:44	02/02/15 18:35	EPA 3005A	1,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0002	0.0001	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0050	0.0006	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM
Zinc, Dissolved	ND		mg/l	0.0100	0.0026	1	01/31/15 12:44	02/02/15 18:06	EPA 3005A	1,6020A	BM

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-04
Client ID: GW-3
Sample Location: HARLEM, NYC
Matrix: Water

Date Collected: 01/23/15 12:40
Date Received: 01/26/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	124.		mg/l	20.0	3.38	2000	01/30/15 16:11	02/03/15 10:56	EPA 3005A	1,6020A	KL
Antimony, Total	0.00114	J	mg/l	0.00200	0.00006	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Arsenic, Total	0.01253		mg/l	0.00050	0.00012	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Barium, Total	1.746		mg/l	0.01000	0.00125	20	01/30/15 16:11	01/31/15 16:50	EPA 3005A	1,6020A	KL
Beryllium, Total	0.02139		mg/l	0.00050	0.00015	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Cadmium, Total	0.03494		mg/l	0.00020	0.00005	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Calcium, Total	326.		mg/l	2.00	0.640	20	01/30/15 16:11	01/31/15 16:50	EPA 3005A	1,6020A	KL
Chromium, Total	0.2843		mg/l	0.00100	0.00025	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Cobalt, Total	0.1243		mg/l	0.00020	0.00006	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Copper, Total	0.4711		mg/l	0.00100	0.00026	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Iron, Total	12.4		mg/l	0.0500	0.0120	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Lead, Total	0.03632		mg/l	0.00100	0.00012	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Magnesium, Total	25.7		mg/l	0.0700	0.0223	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Manganese, Total	108.9		mg/l	2.000	0.6040	2000	01/30/15 16:11	02/03/15 10:56	EPA 3005A	1,6020A	KL
Mercury, Total	0.00195		mg/l	0.00020	0.00006	1	01/30/15 14:00	02/02/15 10:43	EPA 7470A	1,7470A	AB
Nickel, Total	0.4197		mg/l	0.00050	0.00008	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Potassium, Total	20.2		mg/l	0.100	0.0193	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Selenium, Total	0.0473		mg/l	0.00500	0.00100	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Silver, Total	0.00094		mg/l	0.00040	0.00007	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Sodium, Total	296.		mg/l	2.00	0.322	20	01/30/15 16:11	01/31/15 16:50	EPA 3005A	1,6020A	KL
Thallium, Total	0.00148		mg/l	0.00050	0.00005	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Vanadium, Total	ND		mg/l	0.00500	0.00055	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Zinc, Total	0.4060		mg/l	0.01000	0.00256	1	01/30/15 16:11	01/31/15 16:54	EPA 3005A	1,6020A	KL
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.009	J	mg/l	0.010	0.002	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Antimony, Dissolved	0.0003	J	mg/l	0.0010	0.0001	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0005	0.0001	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Barium, Dissolved	0.0777		mg/l	0.0005	0.0001	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0005	0.0002	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Cadmium, Dissolved	0.0005		mg/l	0.0002	0.0001	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM

Project Name: TAYSTEE
Project Number: 28581.00
Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-04
Client ID: GW-3
Sample Location: HARLEM, NYC
Matrix: Water

Date Collected: 01/23/15 12:40
Date Received: 01/26/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	103		mg/l	2.00	0.640	20	01/31/15 12:44	02/02/15 18:39	EPA 3005A	1,6020A	BM
Chromium, Dissolved	0.0006	J	mg/l	0.0010	0.0003	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Cobalt, Dissolved	0.0017		mg/l	0.0002	0.0001	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Copper, Dissolved	0.0014		mg/l	0.0010	0.0003	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Iron, Dissolved	ND		mg/l	0.050	0.012	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Lead, Dissolved	ND		mg/l	0.0010	0.0001	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Magnesium, Dissolved	22.5		mg/l	0.070	0.022	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Manganese, Dissolved	3.545		mg/l	0.0100	0.0060	20	01/31/15 12:44	02/02/15 18:39	EPA 3005A	1,6020A	BM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	01/30/15 14:32	02/02/15 11:51	EPA 7470A	1,7470A	AB
Nickel, Dissolved	0.0137		mg/l	0.0005	0.0001	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Potassium, Dissolved	11.1		mg/l	0.100	0.019	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Selenium, Dissolved	0.003	J	mg/l	0.005	0.001	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Silver, Dissolved	ND		mg/l	0.0003	0.0001	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Sodium, Dissolved	240		mg/l	2.00	0.322	20	01/31/15 12:44	02/02/15 18:39	EPA 3005A	1,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0002	0.0001	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0050	0.0006	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM
Zinc, Dissolved	ND		mg/l	0.0100	0.0026	1	01/31/15 12:44	02/02/15 18:26	EPA 3005A	1,6020A	BM

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG759428-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	01/30/15 10:38	01/30/15 15:38	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG759492-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Antimony, Total	ND		mg/kg	2.0	0.32	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Arsenic, Total	ND		mg/kg	0.40	0.08	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Barium, Total	ND		mg/kg	0.40	0.12	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Beryllium, Total	ND		mg/kg	0.20	0.04	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.40	0.03	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Calcium, Total	ND		mg/kg	4.0	1.2	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Chromium, Total	ND		mg/kg	0.40	0.08	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Cobalt, Total	ND		mg/kg	0.80	0.20	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Copper, Total	ND		mg/kg	0.40	0.08	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Iron, Total	ND		mg/kg	2.0	0.80	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Lead, Total	ND		mg/kg	2.0	0.08	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Magnesium, Total	ND		mg/kg	4.0	0.40	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Manganese, Total	ND		mg/kg	0.40	0.08	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Nickel, Total	ND		mg/kg	1.0	0.16	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Potassium, Total	ND		mg/kg	100	16.	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Selenium, Total	0.22	J	mg/kg	0.80	0.12	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Silver, Total	0.10	J	mg/kg	0.40	0.08	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Sodium, Total	ND		mg/kg	80	12.	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Thallium, Total	ND		mg/kg	0.80	0.16	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Vanadium, Total	ND		mg/kg	0.40	0.04	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG
Zinc, Total	ND		mg/kg	2.0	0.28	1	01/30/15 09:12	01/30/15 12:22	1,6010C	MG

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 02-04 Batch: WG759611-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	01/30/15 14:00	02/02/15 10:30	1,7470A	AB

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 02-04 Batch: WG759615-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	01/30/15 14:32	02/02/15 11:40	1,7470A	AB

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 02-04 Batch: WG759659-1										
Aluminum, Total	ND		mg/l	0.0100	0.00169	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Antimony, Total	0.00071	J	mg/l	0.00200	0.00006	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Arsenic, Total	ND		mg/l	0.00050	0.00012	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Barium, Total	ND		mg/l	0.00050	0.00006	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Beryllium, Total	ND		mg/l	0.00050	0.00015	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Calcium, Total	ND		mg/l	0.100	0.0320	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Chromium, Total	ND		mg/l	0.00100	0.00025	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Cobalt, Total	ND		mg/l	0.00020	0.00006	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Copper, Total	ND		mg/l	0.00100	0.00026	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Iron, Total	ND		mg/l	0.0500	0.0120	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Lead, Total	ND		mg/l	0.00100	0.00012	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

Method Blank Analysis
Batch Quality Control

Magnesium, Total	ND		mg/l	0.0700	0.0223	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Manganese, Total	ND		mg/l	0.00100	0.00030	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Nickel, Total	ND		mg/l	0.00050	0.00008	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Potassium, Total	ND		mg/l	0.100	0.0193	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Selenium, Total	ND		mg/l	0.00500	0.00100	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Silver, Total	ND		mg/l	0.00040	0.00007	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Sodium, Total	ND		mg/l	0.100	0.0161	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Thallium, Total	ND		mg/l	0.00050	0.00005	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Vanadium, Total	ND		mg/l	0.00500	0.00055	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL
Zinc, Total	ND		mg/l	0.01000	0.00256	1	01/30/15 16:11	01/31/15 15:42	1,6020A	KL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 02-04 Batch: WG759821-1										
Aluminum, Dissolved	0.002	J	mg/l	0.010	0.002	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Antimony, Dissolved	0.0004	J	mg/l	0.0010	0.0001	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0005	0.0001	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Barium, Dissolved	ND		mg/l	0.0005	0.0001	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0005	0.0002	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0002	0.0001	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Calcium, Dissolved	ND		mg/l	0.100	0.032	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Chromium, Dissolved	0.0005	J	mg/l	0.0010	0.0003	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Cobalt, Dissolved	ND		mg/l	0.0002	0.0001	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Copper, Dissolved	ND		mg/l	0.0010	0.0003	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Iron, Dissolved	ND		mg/l	0.050	0.012	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Lead, Dissolved	ND		mg/l	0.0010	0.0001	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Magnesium, Dissolved	ND		mg/l	0.070	0.022	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Manganese, Dissolved	ND		mg/l	0.0005	0.0003	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Nickel, Dissolved	ND		mg/l	0.0005	0.0001	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Potassium, Dissolved	ND		mg/l	0.100	0.019	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Selenium, Dissolved	ND		mg/l	0.005	0.001	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Silver, Dissolved	ND		mg/l	0.0003	0.0001	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Sodium, Dissolved	0.023	J	mg/l	0.100	0.016	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

Method Blank Analysis
Batch Quality Control

Thallium, Dissolved	ND	mg/l	0.0002	0.0001	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Vanadium, Dissolved	ND	mg/l	0.0050	0.0006	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM
Zinc, Dissolved	ND	mg/l	0.0100	0.0026	1	01/31/15 12:44	02/02/15 17:53	1,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG759428-2 SRM Lot Number: D083-540								
Mercury, Total	116		-		75-126	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG759492-2 SRM Lot Number: D083-540					
Aluminum, Total	79	-	51-148	-	
Antimony, Total	181	-	1-210	-	
Arsenic, Total	98	-	78-122	-	
Barium, Total	96	-	82-117	-	
Beryllium, Total	98	-	82-118	-	
Cadmium, Total	99	-	82-118	-	
Calcium, Total	88	-	82-118	-	
Chromium, Total	96	-	79-121	-	
Cobalt, Total	96	-	83-117	-	
Copper, Total	97	-	80-120	-	
Iron, Total	93	-	47-153	-	
Lead, Total	97	-	81-119	-	
Magnesium, Total	79	-	75-124	-	
Manganese, Total	95	-	81-119	-	
Nickel, Total	96	-	82-118	-	
Potassium, Total	88	-	70-130	-	
Selenium, Total	96	-	78-123	-	
Silver, Total	96	-	74-125	-	
Sodium, Total	98	-	70-130	-	
Thallium, Total	95	-	78-122	-	
Vanadium, Total	97	-	65-135	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG759492-2 SRM Lot Number: D083-540					
Zinc, Total	92	-	80-121	-	
Total Metals - Westborough Lab Associated sample(s): 02-04 Batch: WG759611-2					
Mercury, Total	111	-	80-120	-	
Dissolved Metals - Westborough Lab Associated sample(s): 02-04 Batch: WG759615-2					
Mercury, Dissolved	116	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-04 Batch: WG759659-2					
Aluminum, Total	108	-	80-120	-	
Antimony, Total	100	-	80-120	-	
Arsenic, Total	101	-	80-120	-	
Barium, Total	97	-	80-120	-	
Beryllium, Total	107	-	80-120	-	
Cadmium, Total	104	-	80-120	-	
Calcium, Total	93	-	80-120	-	
Chromium, Total	98	-	80-120	-	
Cobalt, Total	101	-	80-120	-	
Copper, Total	99	-	80-120	-	
Iron, Total	110	-	80-120	-	
Lead, Total	106	-	80-120	-	
Magnesium, Total	104	-	80-120	-	
Manganese, Total	102	-	80-120	-	
Nickel, Total	98	-	80-120	-	
Potassium, Total	89	-	80-120	-	
Selenium, Total	119	-	80-120	-	
Silver, Total	100	-	80-120	-	
Sodium, Total	117	-	80-120	-	
Thallium, Total	101	-	80-120	-	
Vanadium, Total	104	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-04 Batch: WG759659-2					
Zinc, Total	109	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 02-04 Batch: WG759821-2					
Aluminum, Dissolved	98	-	80-120	-	
Antimony, Dissolved	103	-	80-120	-	
Arsenic, Dissolved	107	-	80-120	-	
Barium, Dissolved	99	-	80-120	-	
Beryllium, Dissolved	93	-	80-120	-	
Cadmium, Dissolved	112	-	80-120	-	
Calcium, Dissolved	103	-	80-120	-	
Chromium, Dissolved	96	-	80-120	-	
Cobalt, Dissolved	101	-	80-120	-	
Copper, Dissolved	101	-	80-120	-	
Iron, Dissolved	104	-	80-120	-	
Lead, Dissolved	112	-	80-120	-	
Magnesium, Dissolved	101	-	80-120	-	
Manganese, Dissolved	93	-	80-120	-	
Nickel, Dissolved	94	-	80-120	-	
Potassium, Dissolved	94	-	80-120	-	
Selenium, Dissolved	101	-	80-120	-	
Silver, Dissolved	102	-	80-120	-	
Sodium, Dissolved	101	-	80-120	-	
Thallium, Dissolved	113	-	80-120	-	
Vanadium, Dissolved	99	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 02-04 Batch: WG759821-2					
Zinc, Dissolved	103	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG759428-4 QC Sample: L1501705-02 Client ID: MS Sample												
Mercury, Total	0.12	0.146	0.31	**130**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG759492-4 QC Sample: L1501526-01 Client ID: MS Sample										
Aluminum, Total	5900	179	6600	**391**	Q	-	-	75-125	-	20
Antimony, Total	ND	44.8	39	87		-	-	75-125	-	20
Arsenic, Total	3.5	10.7	14	98		-	-	75-125	-	20
Barium, Total	53.	179	220	93		-	-	75-125	-	20
Beryllium, Total	0.19J	4.48	4.4	98		-	-	75-125	-	20
Cadmium, Total	0.17J	4.57	4.4	96		-	-	75-125	-	20
Calcium, Total	23000	896	27000	**446**	Q	-	-	75-125	-	20
Chromium, Total	14.	17.9	29	84		-	-	75-125	-	20
Cobalt, Total	5.2	44.8	44	87		-	-	75-125	-	20
Copper, Total	36.	22.4	65	**130**	Q	-	-	75-125	-	20
Iron, Total	16000	89.6	12000	**0**	Q	-	-	75-125	-	20
Lead, Total	54.	45.7	110	122		-	-	75-125	-	20
Magnesium, Total	5000	896	5700	78		-	-	75-125	-	20
Manganese, Total	210	44.8	230	**45**	Q	-	-	75-125	-	20
Nickel, Total	14.	44.8	50	80		-	-	75-125	-	20
Potassium, Total	840	896	1800	107		-	-	75-125	-	20
Selenium, Total	0.73J	10.7	10	93		-	-	75-125	-	20
Silver, Total	ND	26.9	26	97		-	-	75-125	-	20
Sodium, Total	300	896	1200	100		-	-	75-125	-	20
Thallium, Total	ND	10.7	8.3	77		-	-	75-125	-	20
Vanadium, Total	25.	44.8	70	100		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG759492-4 QC Sample: L1501526-01 Client ID: MS Sample										
Zinc, Total	93.	44.8	120	**60**	Q	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 02-04 QC Batch ID: WG759611-3 WG759611-4 QC Sample: L1501901-01 Client ID: MS Sample										
Mercury, Total	ND	0.005	0.00471	94		0.00470	94	75-125	0	20
Dissolved Metals - Westborough Lab Associated sample(s): 02-04 QC Batch ID: WG759615-4 QC Sample: L1501755-02 Client ID: GW-1										
Mercury, Dissolved	ND	0.005	0.00529	106		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-04 QC Batch ID: WG759659-3 WG759659-4 QC Sample: L1501901-01 Client ID: MS Sample												
Aluminum, Total	0.0589J	2	1.96	98		2.18	109		75-125	11		20
Antimony, Total	0.02308J	0.5	0.5164	103		0.5754	115		75-125	11		20
Arsenic, Total	ND	0.12	0.1222	102		0.1434	120		75-125	16		20
Barium, Total	0.02578	2	1.978	98		2.232	110		75-125	12		20
Beryllium, Total	ND	0.05	0.05072	101		0.05288	106		75-125	4		20
Cadmium, Total	ND	0.051	0.05766	113		0.06184	121		75-125	7		20
Calcium, Total	244.	10	243	**0**	Q	271	**270**	Q	75-125	11		20
Chromium, Total	ND	0.2	0.1923	96		0.2226	111		75-125	15		20
Cobalt, Total	0.00188J	0.5	0.5016	100		0.5704	114		75-125	13		20
Copper, Total	0.01564J	0.25	0.2468	99		0.2840	114		75-125	14		20
Iron, Total	0.787J	1	1.90	**190**	Q	1.89	**189**	Q	75-125	1		20
Lead, Total	0.00496J	0.51	0.5418	106		0.6236	122		75-125	14		20
Magnesium, Total	762.	10	733	**0**	Q	814	**520**	Q	75-125	10		20
Manganese, Total	0.05348	0.5	0.5186	93		0.6070	111		75-125	16		20
Nickel, Total	0.00480J	0.5	0.4578	92		0.5668	113		75-125	**21**	Q	20
Potassium, Total	207.	10	221	**140**	Q	247	**400**	Q	75-125	11		20
Selenium, Total	ND	0.12	0.148	123		0.132	110		75-125	11		20
Silver, Total	ND	0.05	0.05112	102		0.05354	107		75-125	5		20
Sodium, Total	5580	10	5690	**1100**	Q	5500	**0**	Q	75-125	3		20
Thallium, Total	ND	0.12	0.1008	84		0.1232	103		75-125	20		20
Vanadium, Total	ND	0.5	0.4872	97		0.6256	125		75-125	**25**	Q	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-04 QC Batch ID: WG759659-3 WG759659-4 QC Sample: L1501901-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5316	106	0.6088	122	75-125	14	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 02-04 QC Batch ID: WG759821-4 QC Sample: L1501755-02 Client ID: GW-1										
Aluminum, Dissolved	0.054	2	2.00	97		-	-	75-125	-	20
Antimony, Dissolved	0.0009J	0.5	0.4967	99		-	-	75-125	-	20
Arsenic, Dissolved	0.0002J	0.12	0.1159	96		-	-	75-125	-	20
Barium, Dissolved	0.0645	2	2.109	102		-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.0551	110		-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.0594	116		-	-	75-125	-	20
Calcium, Dissolved	49.0	10	55.5	**65**	Q	-	-	75-125	-	20
Chromium, Dissolved	0.0006J	0.2	0.2071	104		-	-	75-125	-	20
Cobalt, Dissolved	0.0010	0.5	0.5333	106		-	-	75-125	-	20
Copper, Dissolved	0.0009J	0.25	0.2568	103		-	-	75-125	-	20
Iron, Dissolved	0.118	1	1.30	118		-	-	75-125	-	20
Lead, Dissolved	0.0003J	0.51	0.4870	95		-	-	75-125	-	20
Magnesium, Dissolved	14.9	10	21.3	**64**	Q	-	-	75-125	-	20
Manganese, Dissolved	2.516	0.5	2.821	**61**	Q	-	-	75-125	-	20
Nickel, Dissolved	0.0023	0.5	0.5148	102		-	-	75-125	-	20
Potassium, Dissolved	4.55	10	12.9	84		-	-	75-125	-	20
Selenium, Dissolved	0.001J	0.12	0.109	91		-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.0540	108		-	-	75-125	-	20
Sodium, Dissolved	107.	10	110	**30**	Q	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1175	98		-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.5044	101		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 02-04 QC Batch ID: WG759821-4 QC Sample: L1501755-02 Client ID: GW-1									
Zinc, Dissolved	ND	0.5	0.5297	106	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG759428-3 QC Sample: L1501705-02 Client ID: DUP Sample						
Mercury, Total	0.12	0.15	mg/kg	**22**	Q	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG759492-3 QC Sample: L1501526-01 Client ID: DUP Sample						
Aluminum, Total	5900	3900	mg/kg	**41**	Q	20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	3.5	1.8	mg/kg	**64**	Q	20
Barium, Total	53.	31	mg/kg	**52**	Q	20
Beryllium, Total	0.19J	0.10J	mg/kg	NC		20
Cadmium, Total	0.17J	0.12J	mg/kg	NC		20
Calcium, Total	23000	15000	mg/kg	**42**	Q	20
Chromium, Total	14.	8.9	mg/kg	**45**	Q	20
Cobalt, Total	5.2	5.1	mg/kg	2		20
Copper, Total	36.	30	mg/kg	18		20
Iron, Total	16000	8600	mg/kg	**60**	Q	20
Lead, Total	54.	68	mg/kg	**23**	Q	20
Magnesium, Total	5000	4000	mg/kg	**22**	Q	20
Manganese, Total	210	120	mg/kg	**55**	Q	20
Nickel, Total	14.	12	mg/kg	15		20
Potassium, Total	840	480	mg/kg	**55**	Q	20
Selenium, Total	0.73J	0.37J	mg/kg	NC		20
Silver, Total	ND	0.38J	mg/kg	NC		20
Sodium, Total	300	210	mg/kg	**35**	Q	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG759492-3 QC Sample: L1501526-01 Client ID: DUP Sample						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	25.	20	mg/kg	**22**	Q	20
Zinc, Total	93.	55	mg/kg	**51**	Q	20
Dissolved Metals - Westborough Lab Associated sample(s): 02-04 QC Batch ID: WG759615-3 QC Sample: L1501755-02 Client ID: GW-1						
Mercury, Dissolved	ND	ND	mg/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 02-04 QC Batch ID: WG759821-3 QC Sample: L1501755-02 Client ID: GW-1					
Aluminum, Dissolved	0.054	0.049	mg/l	9	20
Antimony, Dissolved	0.0009J	0.0004J	mg/l	NC	20
Arsenic, Dissolved	0.0002J	ND	mg/l	NC	20
Barium, Dissolved	0.0645	0.0574	mg/l	12	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Chromium, Dissolved	0.0006J	0.0007J	mg/l	NC	20
Cobalt, Dissolved	0.0010	0.0009	mg/l	11	20
Copper, Dissolved	0.0009J	0.0009J	mg/l	NC	20
Iron, Dissolved	0.118	0.111	mg/l	6	20
Lead, Dissolved	0.0003J	0.0002J	mg/l	NC	20
Magnesium, Dissolved	14.9	14.5	mg/l	3	20
Nickel, Dissolved	0.0023	0.0021	mg/l	11	20
Potassium, Dissolved	4.55	4.36	mg/l	4	20
Selenium, Dissolved	0.001J	0.001J	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 02-04 QC Batch ID: WG759821-3 QC Sample: L1501755-02 Client ID: GW-1					
Calcium, Dissolved	49.0	46.9	mg/l	4	20
Manganese, Dissolved	2.516	2.183	mg/l	14	20
Sodium, Dissolved	107.	98.8	mg/l	8	20

INORGANICS
&
MISCELLANEOUS

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1501755-01
Client ID: SB-10
Sample Location: HARLEM, NYC
Matrix: Soil

Date Collected: 01/23/15 09:05
Date Received: 01/26/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	01/28/15 17:21	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG758952-1 QC Sample: L1501686-03 Client ID: DUP Sample						
Solids, Total	89.9	88.5	%	2		20

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 01/26/2015 22:00

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1501755-01A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1501755-01B	Vial water preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1501755-01C	Vial water preserved	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1501755-01D	Plastic 2oz unpreserved for TS	A	N/A	2.7	Y	Absent	TS(7)
L1501755-01E	Glass 250ml/8oz unpreserved	A	N/A	2.7	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501755-01F	Glass 100ml unpreserved	A	N/A	2.7	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1501755-02A	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1501755-02B	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1501755-02C	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1501755-02D	Amber 1000ml unpreserved	A	8	2.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1501755-02E	Amber 1000ml unpreserved	A	8	2.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)

*Values in parentheses indicate holding time in days

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1501755-02F	Amber 1000ml unpreserved	A	8	2.7	Y	Absent	NYTCL-8082-1200ML(7)
L1501755-02G	Amber 1000ml unpreserved	A	8	2.7	Y	Absent	NYTCL-8082-1200ML(7)
L1501755-02H	Amber 500ml unpreserved	A	8	2.7	Y	Absent	NYTCL-8081(7)
L1501755-02I	Amber 500ml unpreserved	A	8	2.7	Y	Absent	NYTCL-8081(7)
L1501755-02J	Plastic 250ml HNO3 preserved	A	<2	2.7	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1501755-02K	Plastic 250ml unpreserved	A	8	2.7	Y	Absent	-
L1501755-02X	Plastic 120ml HNO3 preserved spl	A	<2	2.7	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1501755-03A	Vial HCl preserved	B	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1501755-03B	Vial HCl preserved	B	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1501755-03C	Vial HCl preserved	B	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1501755-03D	Amber 1000ml unpreserved	B	8	2.8	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1501755-03E	Amber 1000ml unpreserved	B	8	2.8	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1501755-03F	Amber 1000ml unpreserved	B	8	2.8	Y	Absent	NYTCL-8082-1200ML(7)
L1501755-03G	Amber 1000ml unpreserved	B	8	2.8	Y	Absent	NYTCL-8082-1200ML(7)
L1501755-03H	Amber 500ml unpreserved	B	8	2.8	Y	Absent	NYTCL-8081(7)
L1501755-03I	Amber 500ml unpreserved	B	8	2.8	Y	Absent	NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1501755-03J	Plastic 250ml HNO3 preserved	B	<2	2.8	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1501755-03K	Plastic 250ml unpreserved	B	8	2.8	Y	Absent	-
L1501755-03X	Plastic 120ml HNO3 preserved spl	B	<2	2.8	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1501755-04A	Vial HCl preserved	B	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1501755-04B	Vial HCl preserved	B	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1501755-04C	Vial HCl preserved	B	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1501755-04D	Amber 1000ml unpreserved	B	8	2.8	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1501755-04E	Amber 1000ml unpreserved	B	8	2.8	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1501755-04F	Amber 1000ml unpreserved	B	8	2.8	Y	Absent	NYTCL-8082-1200ML(7)
L1501755-04G	Amber 1000ml unpreserved	B	8	2.8	Y	Absent	NYTCL-8082-1200ML(7)
L1501755-04H	Amber 500ml unpreserved	B	8	2.8	Y	Absent	NYTCL-8081(7)
L1501755-04I	Amber 500ml unpreserved	B	8	2.8	Y	Absent	NYTCL-8081(7)
L1501755-04J	Plastic 250ml HNO3 preserved	B	<2	2.8	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1501755-04K	Plastic 250ml unpreserved	B	8	2.8	Y	Absent	-

*Values in parentheses indicate holding time in days

Project Name: TAYSTEE
Project Number: 28581.00

Lab Number: L1501755
Report Date: 02/10/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1501755-04X	Plastic 120ml HNO3 preserved spl	B	<2	2.8	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)

Container Comments

L1501755-02J

L1501755-02X

L1501755-03J

L1501755-03X

L1501755-04J

L1501755-04X

*Values in parentheses indicate holding time in days

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Report Format: DU Report with 'J' Qualifiers

Project Name: TAYSTEE **Lab Number:** L1501755

Project Number: 28581.00 **Report Date:** 02/10/15

Data Qualifiers

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name: TAYSTEE **Lab Number:** L1501755
Project Number: 28581.00 **Report Date:** 02/10/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 1/26/15

ALPHA Job #: L1501755

Client Information

Client: VHB Engineering

Address: 100 Motor Pkwy Ste 135 Hauppauge NY 11788

Phone: 631-787-3400

Fax:

Email: BMurty@VHB.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Taystee

Project Location: Harlem NYC

Project #: 28581.00

Project Manager: B. Murty

ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 2/2/15 Time:

Report Information - Data Deliverables

☐ FAX ☑ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: VOCs (USEPA 8260); SVOCs (USEPA 8270); Pesticides/PCBs (USEPA 8081/8082); TAL Metals (USEPA 6010)

SAMPLE HANDLING

Filtration ____

☐ Done

☐ Not needed

☐ Lab to do

Preservation

☐ Lab to do

(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	Pesticides	TAL Metals	Sample Specific Comments	Total # Bottles
01755-01	SB-10	1/23/15	905	S	RM	X	X	X	X		
-02	~~MW-1~~ GW-1	1/23/15	1337	GW	RM	X	X	X	X		
-03	~~MW-2~~ GW-2	1/23/15	1116	GW	RM	X	X	X	X		
-04	~~MW-3~~ GW-3	1/23/15	1240	GW	RM	X	X	X	X		

Container Type											
Preservative											

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	1/23/15 1600	[illegible] AAL	1/26/15 [illegible]
[illegible] AAL	1/26/15 1500	[illegible] AAL	1/26/15 1500
[illegible] AAL	1/26/15 21:50	[illegible]	1/26/15 21:50

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

ANALYTICAL REPORT

Lab Number:	L1502061
Client:	VHB Engineering, Surveying and Landscape 100 Motor Parkway Suite 135 Hauppauge, NY 11788
ATTN:	Bryan Murty
Phone:	(631) 234-3444
Project Name:	TAYSTEE CREATE
Project Number:	28581.00
Report Date:	02/10/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1502061-01	GW-4	WATER	HARLEM	01/30/15 11:30	02/02/15
L1502061-02	GW-5	WATER	HARLEM	01/30/15 13:00	02/02/15
L1502061-03	GW-4	WATER	HARLEM	01/30/15 11:30	02/02/15
L1502061-04	GW-4	WATER	HARLEM	01/30/15 13:00	02/02/15

Project Name: TAYSTEE CREATE **Lab Number:** L1502061
Project Number: 28581.00 **Report Date:** 02/10/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: TAYSTEE CREATE **Lab Number:** L1502061
Project Number: 28581.00 **Report Date:** 02/10/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1502061-01 and -02 have elevated detection limits due to limited sample volume available for analysis.

Total Metals

L1502061-01 and -02 have elevated detection limits for Arsenic due to the dilutions required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 02/10/15

ORGANICS

VOLATILES

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1502061-01
Client ID: GW-4
Sample Location: HARLEM
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/05/15 20:28
Analyst: PD

Date Collected: 01/30/15 11:30
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.9		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1502061-01 Date Collected: 01/30/15 11:30

Client ID: GW-4 Date Received: 02/02/15

Sample Location: HARLEM Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.89	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.89	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1502061-01 Date Collected: 01/30/15 11:30

Client ID: GW-4 Date Received: 02/02/15

Sample Location: HARLEM Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1502061-02
Client ID: GW-5
Sample Location: HARLEM
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/05/15 20:56
Analyst: PD

Date Collected: 01/30/15 13:00
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	2.2		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	0.20	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1502061-02 Date Collected: 01/30/15 13:00

Client ID: GW-5 Date Received: 02/02/15

Sample Location: HARLEM Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.0	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	1.0	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1502061-02 Date Collected: 01/30/15 13:00

Client ID: GW-5 Date Received: 02/02/15

Sample Location: HARLEM Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/05/15 11:39
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG760849-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/05/15 11:39
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG760849-3					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Diisopropyl Ether	ND		ug/l	2.0	0.65
Tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Acrolein	ND		ug/l	5.0	0.63
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/05/15 11:39
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG760849-3					
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	0.76	J	ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	0.77	J	ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.27
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/05/15 11:39
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG760849-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG760849-1 WG760849-2								
Methylene chloride	94		91		70-130	3		20
1,1-Dichloroethane	88		86		70-130	2		20
Chloroform	92		90		70-130	2		20
Carbon tetrachloride	79		79		63-132	0		20
1,2-Dichloropropane	91		89		70-130	2		20
Dibromochloromethane	88		85		63-130	3		20
1,1,2-Trichloroethane	96		94		70-130	2		20
Tetrachloroethene	88		84		70-130	5		20
Chlorobenzene	93		90		75-130	3		20
Trichlorofluoromethane	85		87		62-150	2		20
1,2-Dichloroethane	91		88		70-130	3		20
1,1,1-Trichloroethane	84		83		67-130	1		20
Bromodichloromethane	87		86		67-130	1		20
trans-1,3-Dichloropropene	86		83		70-130	4		20
cis-1,3-Dichloropropene	88		85		70-130	3		20
1,1-Dichloropropene	83		82		70-130	1		20
Bromoform	87		84		54-136	4		20
1,1,2,2-Tetrachloroethane	97		91		67-130	6		20
Benzene	92		89		70-130	3		20
Toluene	93		87		70-130	7		20
Ethylbenzene	90		86		70-130	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG760849-1 WG760849-2								
Chloromethane	82		73		64-130	12		20
Bromomethane	127		121		39-139	5		20
Vinyl chloride	82		79		55-140	4		20
Chloroethane	101		98		55-138	3		20
1,1-Dichloroethene	81		81		61-145	0		20
trans-1,2-Dichloroethene	88		86		70-130	2		20
Trichloroethene	89		85		70-130	5		20
1,2-Dichlorobenzene	94		90		70-130	4		20
1,3-Dichlorobenzene	94		89		70-130	5		20
1,4-Dichlorobenzene	94		89		70-130	5		20
Methyl tert butyl ether	85		81		63-130	5		20
p/m-Xylene	90		86		70-130	5		20
o-Xylene	90		86		70-130	5		20
cis-1,2-Dichloroethene	92		89		70-130	3		20
Dibromomethane	94		92		70-130	2		20
1,2,3-Trichloropropane	98		91		64-130	7		20
Acrylonitrile	96		87		70-130	10		20
Diisopropyl Ether	81		77		70-130	5		20
Tert-Butyl Alcohol	80		86		70-130	7		20
Styrene	89		86		70-130	3		20
Dichlorodifluoromethane	84		86		36-147	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG760849-1 WG760849-2								
Acetone	85		78		58-148	9		20
Carbon disulfide	76		75		51-130	1		20
2-Butanone	79		77		63-138	3		20
Vinyl acetate	76		72		70-130	5		20
4-Methyl-2-pentanone	79		76		59-130	4		20
2-Hexanone	66		64		57-130	3		20
Acrolein	79		78		40-160	1		20
Bromochloromethane	96		93		70-130	3		20
2,2-Dichloropropane	83		80		63-133	4		20
1,2-Dibromoethane	91		87		70-130	4		20
1,3-Dichloropropane	92		89		70-130	3		20
1,1,1,2-Tetrachloroethane	91		87		64-130	4		20
Bromobenzene	95		89		70-130	7		20
n-Butylbenzene	96		89		53-136	8		20
sec-Butylbenzene	90		85		70-130	6		20
tert-Butylbenzene	90		84		70-130	7		20
o-Chlorotoluene	92		86		70-130	7		20
p-Chlorotoluene	93		88		70-130	6		20
1,2-Dibromo-3-chloropropane	86		84		41-144	2		20
Hexachlorobutadiene	99		88		63-130	12		20
Isopropylbenzene	89		85		70-130	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG760849-1 WG760849-2								
p-Isopropyltoluene	90		84		70-130	7		20
Naphthalene	95		104		70-130	9		20
n-Propylbenzene	92		87		69-130	6		20
1,2,3-Trichlorobenzene	97		100		70-130	3		20
1,2,4-Trichlorobenzene	88		90		70-130	2		20
1,3,5-Trimethylbenzene	92		87		64-130	6		20
1,2,4-Trimethylbenzene	93		87		70-130	7		20
Methyl Acetate	78		75		70-130	4		20
Ethyl Acetate	80		75		70-130	6		20
Cyclohexane	**69**	Q	70		70-130	1		20
Ethyl-Tert-Butyl-Ether	83		80		70-130	4		20
Tertiary-Amyl Methyl Ether	80		78		66-130	3		20
1,4-Dioxane	79		100		56-162	**23**	Q	20
Freon-113	**68**	Q	70		70-130	3		20
p-Diethylbenzene	90		84		70-130	7		20
p-Ethyltoluene	90		86		70-130	5		20
1,2,4,5-Tetramethylbenzene	89		86		70-130	3		20
Ethyl ether	101		99		59-134	2		20
trans-1,4-Dichloro-2-butene	85		78		70-130	9		20
Methyl cyclohexane	73		74		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG760849-1 WG760849-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		97		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	98		96		70-130
Dibromofluoromethane	100		100		70-130

SEMIVOLATILES

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1502061-01	Date Collected:	01/30/15 11:30
Client ID:	GW-4	Date Received:	02/02/15
Sample Location:	HARLEM	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	02/05/15 16:09
Analytical Date:	02/06/15 11:37		
Analyst:	RC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	8.6	0.36	1
Bis(2-chloroethyl)ether	ND		ug/l	3.4	0.70	1
1,2-Dichlorobenzene	ND		ug/l	3.4	0.52	1
1,3-Dichlorobenzene	ND		ug/l	3.4	0.60	1
1,4-Dichlorobenzene	ND		ug/l	3.4	0.56	1
3,3'-Dichlorobenzidine	ND		ug/l	8.6	0.82	1
2,4-Dinitrotoluene	ND		ug/l	8.6	1.8	1
2,6-Dinitrotoluene	ND		ug/l	8.6	1.5	1
4-Chlorophenyl phenyl ether	ND		ug/l	3.4	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	3.4	0.74	1
Bis(2-chloroisopropyl)ether	ND		ug/l	3.4	1.0	1
Bis(2-chloroethoxy)methane	ND		ug/l	8.6	1.0	1
Hexachlorocyclopentadiene	ND		ug/l	34	1.0	1
Isophorone	ND		ug/l	8.6	1.4	1
Nitrobenzene	ND		ug/l	3.4	0.69	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	3.4	0.59	1
n-Nitrosodi-n-propylamine	ND		ug/l	8.6	1.1	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	5.2	1.6	1
Butyl benzyl phthalate	ND		ug/l	8.6	1.9	1
Di-n-butylphthalate	ND		ug/l	8.6	1.3	1
Di-n-octylphthalate	ND		ug/l	8.6	2.1	1
Diethyl phthalate	ND		ug/l	8.6	0.68	1
Dimethyl phthalate	ND		ug/l	8.6	0.57	1
Biphenyl	ND		ug/l	3.4	0.41	1
4-Chloroaniline	ND		ug/l	8.6	1.4	1
2-Nitroaniline	ND		ug/l	8.6	1.6	1
3-Nitroaniline	ND		ug/l	8.6	1.2	1
4-Nitroaniline	ND		ug/l	8.6	1.4	1
Dibenzofuran	ND		ug/l	3.4	0.38	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	17	0.62	1

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1502061-01 Date Collected: 01/30/15 11:30

Client ID: GW-4 Date Received: 02/02/15

Sample Location: HARLEM Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	8.6	0.74	1
2,4,6-Trichlorophenol	ND		ug/l	8.6	1.3	1
P-Chloro-M-Cresol	ND		ug/l	3.4	0.94	1
2-Chlorophenol	ND		ug/l	3.4	1.0	1
2,4-Dichlorophenol	ND		ug/l	8.6	0.97	1
2,4-Dimethylphenol	ND		ug/l	8.6	1.0	1
2-Nitrophenol	ND		ug/l	17	1.8	1
4-Nitrophenol	ND		ug/l	17	1.9	1
2,4-Dinitrophenol	ND		ug/l	34	2.4	1
4,6-Dinitro-o-cresol	ND		ug/l	17	2.3	1
Phenol	ND		ug/l	8.6	0.46	1
2-Methylphenol	ND		ug/l	8.6	1.2	1
3-Methylphenol/4-Methylphenol	ND		ug/l	8.6	1.2	1
2,4,5-Trichlorophenol	ND		ug/l	8.6	1.3	1
Benzoic Acid	ND		ug/l	86	1.7	1
Benzyl Alcohol	ND		ug/l	3.4	1.2	1
Carbazole	ND		ug/l	3.4	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	97		10-120
4-Terphenyl-d14	96		41-149

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1502061-01	Date Collected:	01/30/15 11:30
Client ID:	GW-4	Date Received:	02/02/15
Sample Location:	HARLEM	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	02/04/15 16:15
Analytical Date:	02/05/15 12:00		
Analyst:	MW		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.83		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	1.2		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	1.1		ug/l	0.20	0.06	1
Benzo(a)anthracene	0.07	J	ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	0.05	J	ug/l	0.20	0.05	1
Acenaphthylene	0.08	J	ug/l	0.20	0.05	1
Anthracene	0.74		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	1.4		ug/l	0.20	0.06	1
Phenanthrene	4.9		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	0.73		ug/l	0.20	0.06	1
2-Methylnaphthalene	0.57		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1502061-01 Date Collected: 01/30/15 11:30

Client ID: GW-4 Date Received: 02/02/15

Sample Location: HARLEM Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	81		41-149

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1502061-02	Date Collected:	01/30/15 13:00
Client ID:	GW-5	Date Received:	02/02/15
Sample Location:	HARLEM	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	02/05/15 16:09
Analytical Date:	02/06/15 12:01		
Analyst:	RC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	6.1	0.26	1
Bis(2-chloroethyl)ether	ND		ug/l	2.4	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.4	0.37	1
1,3-Dichlorobenzene	ND		ug/l	2.4	0.43	1
1,4-Dichlorobenzene	ND		ug/l	2.4	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	6.1	0.58	1
2,4-Dinitrotoluene	ND		ug/l	6.1	1.3	1
2,6-Dinitrotoluene	ND		ug/l	6.1	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.4	0.43	1
4-Bromophenyl phenyl ether	ND		ug/l	2.4	0.52	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.4	0.73	1
Bis(2-chloroethoxy)methane	ND		ug/l	6.1	0.73	1
Hexachlorocyclopentadiene	ND		ug/l	24	0.71	1
Isophorone	ND		ug/l	6.1	0.96	1
Nitrobenzene	ND		ug/l	2.4	0.49	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.4	0.41	1
n-Nitrosodi-n-propylamine	ND		ug/l	6.1	0.79	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.6	1.1	1
Butyl benzyl phthalate	ND		ug/l	6.1	1.4	1
Di-n-butylphthalate	ND		ug/l	6.1	0.94	1
Di-n-octylphthalate	ND		ug/l	6.1	1.5	1
Diethyl phthalate	ND		ug/l	6.1	0.48	1
Dimethyl phthalate	ND		ug/l	6.1	0.41	1
Biphenyl	ND		ug/l	2.4	0.29	1
4-Chloroaniline	ND		ug/l	6.1	1.0	1
2-Nitroaniline	ND		ug/l	6.1	1.2	1
3-Nitroaniline	ND		ug/l	6.1	0.81	1
4-Nitroaniline	ND		ug/l	6.1	1.0	1
Dibenzofuran	ND		ug/l	2.4	0.26	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	12	0.44	1

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1502061-02 Date Collected: 01/30/15 13:00

Client ID: GW-5 Date Received: 02/02/15

Sample Location: HARLEM Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	6.1	0.52	1
2,4,6-Trichlorophenol	ND		ug/l	6.1	0.94	1
P-Chloro-M-Cresol	ND		ug/l	2.4	0.66	1
2-Chlorophenol	ND		ug/l	2.4	0.71	1
2,4-Dichlorophenol	ND		ug/l	6.1	0.69	1
2,4-Dimethylphenol	ND		ug/l	6.1	0.70	1
2-Nitrophenol	ND		ug/l	12	1.3	1
4-Nitrophenol	ND		ug/l	12	1.3	1
2,4-Dinitrophenol	ND		ug/l	24	1.7	1
4,6-Dinitro-o-cresol	ND		ug/l	12	1.6	1
Phenol	ND		ug/l	6.1	0.33	1
2-Methylphenol	ND		ug/l	6.1	0.86	1
3-Methylphenol/4-Methylphenol	ND		ug/l	6.1	0.88	1
2,4,5-Trichlorophenol	ND		ug/l	6.1	0.91	1
Benzoic Acid	ND		ug/l	61	1.2	1
Benzyl Alcohol	ND		ug/l	2.4	0.82	1
Carbazole	ND		ug/l	2.4	0.46	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	105		15-120
2,4,6-Tribromophenol	**127**	Q	10-120
4-Terphenyl-d14	125		41-149

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1502061-02	Date Collected:	01/30/15 13:00
Client ID:	GW-5	Date Received:	02/02/15
Sample Location:	HARLEM	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	02/04/15 16:15
Analytical Date:	02/05/15 12:30		
Analyst:	MW		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	0.04	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	0.12	J	ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	0.10	J	ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

SAMPLE RESULTS

Lab ID: L1502061-02 Date Collected: 01/30/15 13:00

Client ID: GW-5 Date Received: 02/02/15

Sample Location: HARLEM Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	79		41-149

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 02/05/15 10:29
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 02/04/15 16:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG760613-1					
Acenaphthene	ND		ug/l	0.20	0.06
2-Chloronaphthalene	ND		ug/l	0.20	0.07
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.07
Naphthalene	ND		ug/l	0.20	0.06
Benzo(a)anthracene	ND		ug/l	0.20	0.06
Benzo(a)pyrene	ND		ug/l	0.20	0.07
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07
Chrysene	ND		ug/l	0.20	0.05
Acenaphthylene	ND		ug/l	0.20	0.05
Anthracene	ND		ug/l	0.20	0.06
Benzo(ghi)perylene	ND		ug/l	0.20	0.07
Fluorene	ND		ug/l	0.20	0.06
Phenanthrene	ND		ug/l	0.20	0.06
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08
Pyrene	ND		ug/l	0.20	0.06
2-Methylnaphthalene	ND		ug/l	0.20	0.06
Pentachlorophenol	ND		ug/l	0.80	0.19
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.07

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 02/05/15 10:29
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 02/04/15 16:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG760613-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	79		41-149

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/06/15 10:24
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 02/05/15 16:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG760897-1					
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
Isophorone	ND		ug/l	5.0	0.79
Nitrobenzene	ND		ug/l	2.0	0.40
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93
Butyl benzyl phthalate	ND		ug/l	5.0	1.1
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Diethyl phthalate	ND		ug/l	5.0	0.39
Dimethyl phthalate	ND		ug/l	5.0	0.33
Biphenyl	ND		ug/l	2.0	0.24
4-Chloroaniline	ND		ug/l	5.0	0.84
2-Nitroaniline	ND		ug/l	5.0	0.96
3-Nitroaniline	ND		ug/l	5.0	0.67
4-Nitroaniline	ND		ug/l	5.0	0.83
Dibenzofuran	ND		ug/l	2.0	0.22

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/06/15 10:24
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 02/05/15 16:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG760897-1					
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
Acetophenone	ND		ug/l	5.0	0.43
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54
2-Chlorophenol	ND		ug/l	2.0	0.58
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
2-Nitrophenol	ND		ug/l	10	1.0
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
Phenol	ND		ug/l	5.0	0.27
2-Methylphenol	ND		ug/l	5.0	0.70
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.68
Carbazole	ND		ug/l	2.0	0.37

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/06/15 10:24
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 02/05/15 16:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG760897-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	89		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG760613-2 WG760613-3								
Acenaphthene	72		71		37-111	1		40
2-Chloronaphthalene	74		72		40-140	3		40
Fluoranthene	80		81		40-140	1		40
Hexachlorobutadiene	65		66		40-140	2		40
Naphthalene	68		70		40-140	3		40
Benzo(a)anthracene	84		86		40-140	2		40
Benzo(a)pyrene	79		79		40-140	0		40
Benzo(b)fluoranthene	80		80		40-140	0		40
Benzo(k)fluoranthene	77		79		40-140	3		40
Chrysene	80		81		40-140	1		40
Acenaphthylene	80		80		40-140	0		40
Anthracene	76		78		40-140	3		40
Benzo(ghi)perylene	78		78		40-140	0		40
Fluorene	73		76		40-140	4		40
Phenanthrene	73		72		40-140	1		40
Dibenzo(a,h)anthracene	80		80		40-140	0		40
Indeno(1,2,3-cd)Pyrene	83		84		40-140	1		40
Pyrene	78		80		26-127	3		40
2-Methylnaphthalene	75		76		40-140	1		40
Pentachlorophenol	79		80		9-103	1		40
Hexachlorobenzene	79		79		40-140	0		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG760613-2 WG760613-3								
Hexachloroethane	70		68		40-140	3		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		45		21-120
Phenol-d6	33		33		10-120
Nitrobenzene-d5	75		75		23-120
2-Fluorobiphenyl	71		76		15-120
2,4,6-Tribromophenol	83		85		10-120
4-Terphenyl-d14	74		79		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG760897-2 WG760897-3								
1,2,4-Trichlorobenzene	76		84		39-98	10		30
Bis(2-chloroethyl)ether	79		95		40-140	18		30
1,2-Dichlorobenzene	67		80		40-140	18		30
1,3-Dichlorobenzene	67		79		40-140	16		30
1,4-Dichlorobenzene	66		80		36-97	19		30
3,3'-Dichlorobenzidine	98		86		40-140	13		30
2,4-Dinitrotoluene	93		**115**	Q	24-96	21		30
2,6-Dinitrotoluene	89		114		40-140	25		30
4-Chlorophenyl phenyl ether	87		106		40-140	20		30
4-Bromophenyl phenyl ether	91		111		40-140	20		30
Bis(2-chloroisopropyl)ether	77		88		40-140	13		30
Bis(2-chloroethoxy)methane	81		95		40-140	16		30
Hexachlorocyclopentadiene	73		80		40-140	9		30
Isophorone	84		104		40-140	21		30
Nitrobenzene	80		93		40-140	15		30
NitrosoDiPhenylAmine(NDPA)/DPA	95		111		40-140	16		30
n-Nitrosodi-n-propylamine	85		103		29-132	19		30
Bis(2-Ethylhexyl)phthalate	91		111		40-140	20		30
Butyl benzyl phthalate	97		114		40-140	16		30
Di-n-butylphthalate	94		112		40-140	17		30
Di-n-octylphthalate	97		117		40-140	19		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG760897-2 WG760897-3								
Diethyl phthalate	91		111		40-140	20		30
Dimethyl phthalate	92		110		40-140	18		30
Biphenyl	92		**106**	Q	54-104	14		30
4-Chloroaniline	87		69		40-140	23		30
2-Nitroaniline	95		122		52-143	25		30
3-Nitroaniline	90		82		25-145	9		30
4-Nitroaniline	100		120		51-143	18		30
Dibenzofuran	92		107		40-140	15		30
1,2,4,5-Tetrachlorobenzene	86		97		2-134	12		30
Acetophenone	88		102		39-129	15		30
2,4,6-Trichlorophenol	92		117		30-130	24		30
P-Chloro-M-Cresol	96		**122**	Q	23-97	24		30
2-Chlorophenol	85		99		27-123	15		30
2,4-Dichlorophenol	93		112		30-130	19		30
2,4-Dimethylphenol	86		112		30-130	26		30
2-Nitrophenol	89		110		30-130	21		30
4-Nitrophenol	60		80		10-80	29		30
2,4-Dinitrophenol	105		**132**	Q	20-130	23		30
4,6-Dinitro-o-cresol	108		136		20-164	23		30
Phenol	42		49		12-110	15		30
2-Methylphenol	78		97		30-130	22		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG760897-2 WG760897-3								
3-Methylphenol/4-Methylphenol	75		92		30-130	20		30
2,4,5-Trichlorophenol	97		122		30-130	23		30
Benzoic Acid	33		47		10-110	**35**	Q	30
Benzyl Alcohol	76		93		15-110	20		30
Carbazole	100		117		55-144	16		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		68		21-120
Phenol-d6	41		49		10-120
Nitrobenzene-d5	83		100		23-120
2-Fluorobiphenyl	85		105		15-120
2,4,6-Tribromophenol	94		117		10-120
4-Terphenyl-d14	97		116		41-149

PCBS

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1502061-01	Date Collected:	01/30/15 11:30
Client ID:	GW-4	Date Received:	02/02/15
Sample Location:	HARLEM	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	02/04/15 08:39
Analytical Date:	02/05/15 04:49	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	02/04/15
		Cleanup Method:	EPA 3660B
		Cleanup Date:	02/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	84		30-150	B
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	78		30-150	A

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1502061-02	Date Collected:	01/30/15 13:00
Client ID:	GW-5	Date Received:	02/02/15
Sample Location:	HARLEM	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	02/04/15 08:39
Analytical Date:	02/05/15 05:03	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	02/04/15
		Cleanup Method:	EPA 3660B
		Cleanup Date:	02/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	102		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	94		30-150	A

Project Name: TAYSTEE CREATE

Project Number: 28581.00

Lab Number: L1502061

Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/05/15 05:59
Analyst: JW

Extraction Method: EPA 3510C
Extraction Date: 02/04/15 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 02/04/15
Cleanup Method: EPA 3660B
Cleanup Date: 02/04/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG760428-1						
Aroclor 1016	ND		ug/l	0.083	0.055	A
Aroclor 1221	ND		ug/l	0.083	0.053	A
Aroclor 1232	ND		ug/l	0.083	0.031	A
Aroclor 1242	ND		ug/l	0.083	0.060	A
Aroclor 1248	ND		ug/l	0.083	0.051	A
Aroclor 1254	ND		ug/l	0.083	0.034	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.029	A
Aroclor 1268	ND		ug/l	0.083	0.038	A
PCBs, Total	ND		ug/l	0.083	0.029	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	104		30-150	B
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	102		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG760428-2 WG760428-3									
Aroclor 1016	96		77		40-140	22		50	A
Aroclor 1260	111		86		40-140	25		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		70		30-150	B
Decachlorobiphenyl	125		102		30-150	B
2,4,5,6-Tetrachloro-m-xylene	89		70		30-150	A
Decachlorobiphenyl	126		103		30-150	A

PESTICIDES

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1502061-01	Date Collected:	01/30/15 11:30
Client ID:	GW-4	Date Received:	02/02/15
Sample Location:	HARLEM	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	02/04/15 08:27
Analytical Date:	02/05/15 07:01	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	02/05/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID:	L1502061-02	Date Collected:	01/30/15 13:00
Client ID:	GW-5	Date Received:	02/02/15
Sample Location:	HARLEM	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	02/04/15 08:27
Analytical Date:	02/05/15 07:18	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	02/05/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/05/15 05:57
Analyst: JW

Extraction Method: EPA 3510C
Extraction Date: 02/04/15 08:27
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG760422-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	92		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG760422-2 WG760422-3									
Delta-BHC	65		68		30-150	4		20	A
Lindane	79		82		30-150	4		20	A
Alpha-BHC	89		94		30-150	5		20	A
Beta-BHC	82		89		30-150	8		20	A
Heptachlor	79		86		30-150	8		20	A
Aldrin	79		83		30-150	5		20	A
Heptachlor epoxide	78		82		30-150	5		20	A
Endrin	80		88		30-150	9		20	A
Endrin ketone	79		84		30-150	6		20	A
Dieldrin	82		87		30-150	5		20	A
4,4'-DDE	78		82		30-150	6		20	A
4,4'-DDD	80		85		30-150	6		20	A
4,4'-DDT	79		86		30-150	9		20	A
Endosulfan I	76		79		30-150	5		20	A
Endosulfan II	73		76		30-150	5		20	A
Endosulfan sulfate	77		82		30-150	6		20	A
Methoxychlor	92		101		30-150	9		20	A
cis-Chlordane	77		80		30-150	4		20	A
trans-Chlordane	91		101		30-150	11		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG760422-2 WG760422-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		73		30-150	A
Decachlorobiphenyl	70		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		80		30-150	B
Decachlorobiphenyl	70		72		30-150	B

METALS

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1502061-01
Client ID: GW-4
Sample Location: HARLEM
Matrix: Water

Date Collected: 01/30/15 11:30
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	159		mg/l	20.0	3.38	2000	02/04/15 20:57	02/06/15 19:34	EPA 3005A	1,6020A	BM
Antimony, Total	0.0003	J	mg/l	0.0020	0.0001	1	02/04/15 20:57	02/06/15 18:48	EPA 3005A	1,6020A	BM
Arsenic, Total	ND		mg/l	0.0100	0.0025	20	02/04/15 20:57	02/06/15 18:52	EPA 3005A	1,6020A	BM
Barium, Total	4.057		mg/l	0.0100	0.0013	20	02/04/15 20:57	02/06/15 18:52	EPA 3005A	1,6020A	BM
Beryllium, Total	0.0268		mg/l	0.0005	0.0002	1	02/04/15 20:57	02/06/15 18:48	EPA 3005A	1,6020A	BM
Cadmium, Total	0.0086		mg/l	0.0002	0.0001	1	02/04/15 20:57	02/06/15 18:48	EPA 3005A	1,6020A	BM
Calcium, Total	146		mg/l	2.00	0.640	20	02/04/15 20:57	02/06/15 18:52	EPA 3005A	1,6020A	BM
Chromium, Total	0.2444		mg/l	0.0010	0.0003	1	02/04/15 20:57	02/06/15 18:48	EPA 3005A	1,6020A	BM
Cobalt, Total	0.3064		mg/l	0.0002	0.0001	1	02/04/15 20:57	02/06/15 18:48	EPA 3005A	1,6020A	BM
Copper, Total	1.101		mg/l	0.0200	0.0052	20	02/04/15 20:57	02/06/15 18:52	EPA 3005A	1,6020A	BM
Iron, Total	227		mg/l	1.00	0.240	20	02/04/15 20:57	02/06/15 18:52	EPA 3005A	1,6020A	BM
Lead, Total	0.3355		mg/l	0.0010	0.0001	1	02/04/15 20:57	02/06/15 18:48	EPA 3005A	1,6020A	BM
Magnesium, Total	42.6		mg/l	0.070	0.022	1	02/04/15 20:57	02/06/15 18:48	EPA 3005A	1,6020A	BM
Manganese, Total	48.22		mg/l	0.1000	0.0604	200	02/04/15 20:57	02/06/15 18:56	EPA 3005A	1,6020A	BM
Mercury, Total	0.00061		mg/l	0.00020	0.00006	1	02/05/15 11:25	02/06/15 11:31	EPA 7470A	1,7470A	AB
Nickel, Total	0.3707		mg/l	0.0005	0.0001	1	02/04/15 20:57	02/06/15 18:48	EPA 3005A	1,6020A	BM
Potassium, Total	10.7		mg/l	0.100	0.019	1	02/04/15 20:57	02/06/15 18:48	EPA 3005A	1,6020A	BM
Selenium, Total	0.087		mg/l	0.005	0.001	1	02/04/15 20:57	02/06/15 18:48	EPA 3005A	1,6020A	BM
Silver, Total	0.0007		mg/l	0.0003	0.0001	1	02/04/15 20:57	02/06/15 18:48	EPA 3005A	1,6020A	BM
Sodium, Total	211		mg/l	2.00	0.322	20	02/04/15 20:57	02/06/15 18:52	EPA 3005A	1,6020A	BM
Thallium, Total	0.0011		mg/l	0.0002	0.0001	1	02/04/15 20:57	02/06/15 18:48	EPA 3005A	1,6020A	BM
Vanadium, Total	0.1800		mg/l	0.0050	0.0006	1	02/04/15 20:57	02/06/15 18:48	EPA 3005A	1,6020A	BM
Zinc, Total	0.4523		mg/l	0.0100	0.0026	1	02/04/15 20:57	02/06/15 18:48	EPA 3005A	1,6020A	BM
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.00498	J	mg/l	0.0100	0.00169	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Antimony, Dissolved	0.00148	J	mg/l	0.00200	0.00006	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Arsenic, Dissolved	0.00022	J	mg/l	0.00050	0.00012	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Barium, Dissolved	0.03304		mg/l	0.00050	0.00006	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00015	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Cadmium, Dissolved	0.00027		mg/l	0.00020	0.00005	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL

Project Name: TAYSTEE CREATE
Lab Number: L1502061
Project Number: 28581.00
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1502061-01
Client ID: GW-4
Sample Location: HARLEM
Matrix: Water

Date Collected: 01/30/15 11:30
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	107.		mg/l	2.00	0.640	20	02/06/15 14:44	02/10/15 12:29	NA	1,6020A	KL
Chromium, Dissolved	0.00050	J	mg/l	0.00100	0.00025	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Cobalt, Dissolved	0.00446		mg/l	0.00020	0.00006	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Copper, Dissolved	0.00210		mg/l	0.00100	0.00026	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Iron, Dissolved	ND		mg/l	0.0500	0.0120	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Lead, Dissolved	ND		mg/l	0.00100	0.00012	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Magnesium, Dissolved	26.4		mg/l	0.0700	0.0223	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Manganese, Dissolved	1.467		mg/l	0.02000	0.00604	20	02/06/15 14:44	02/10/15 12:29	NA	1,6020A	KL
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	02/05/15 12:21	02/06/15 11:55	EPA 7470A	1,7470A	AB
Nickel, Dissolved	0.01621		mg/l	0.00050	0.00008	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Potassium, Dissolved	9.06		mg/l	0.100	0.0193	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Selenium, Dissolved	0.00147	J	mg/l	0.00500	0.00100	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Silver, Dissolved	ND		mg/l	0.00040	0.00007	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Sodium, Dissolved	208.		mg/l	2.00	0.322	20	02/06/15 14:44	02/10/15 12:29	NA	1,6020A	KL
Thallium, Dissolved	ND		mg/l	0.00050	0.00005	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00055	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL
Zinc, Dissolved	0.00361	J	mg/l	0.01000	0.00256	1	02/06/15 14:44	02/10/15 12:33	NA	1,6020A	KL

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1502061-02
Client ID: GW-5
Sample Location: HARLEM
Matrix: Water

Date Collected: 01/30/15 13:00
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	149		mg/l	20.0	3.38	2000	02/04/15 20:57	02/06/15 19:40	EPA 3005A	1,6020A	BM
Antimony, Total	0.0004	J	mg/l	0.0020	0.0001	1	02/04/15 20:57	02/06/15 18:59	EPA 3005A	1,6020A	BM
Arsenic, Total	ND		mg/l	0.0200	0.0049	40	02/04/15 20:57	02/06/15 19:37	EPA 3005A	1,6020A	BM
Barium, Total	1.736		mg/l	0.0100	0.0013	20	02/04/15 20:57	02/06/15 19:02	EPA 3005A	1,6020A	BM
Beryllium, Total	0.0397		mg/l	0.0005	0.0002	1	02/04/15 20:57	02/06/15 18:59	EPA 3005A	1,6020A	BM
Cadmium, Total	0.0158		mg/l	0.0002	0.0001	1	02/04/15 20:57	02/06/15 18:59	EPA 3005A	1,6020A	BM
Calcium, Total	368		mg/l	2.00	0.640	20	02/04/15 20:57	02/06/15 19:02	EPA 3005A	1,6020A	BM
Chromium, Total	0.3047		mg/l	0.0010	0.0003	1	02/04/15 20:57	02/06/15 18:59	EPA 3005A	1,6020A	BM
Cobalt, Total	0.9080		mg/l	0.0040	0.0012	20	02/04/15 20:57	02/06/15 19:02	EPA 3005A	1,6020A	BM
Copper, Total	2.164		mg/l	0.0200	0.0052	20	02/04/15 20:57	02/06/15 19:02	EPA 3005A	1,6020A	BM
Iron, Total	147		mg/l	1.00	0.240	20	02/04/15 20:57	02/06/15 19:02	EPA 3005A	1,6020A	BM
Lead, Total	0.2804		mg/l	0.0010	0.0001	1	02/04/15 20:57	02/06/15 18:59	EPA 3005A	1,6020A	BM
Magnesium, Total	127		mg/l	1.40	0.446	20	02/04/15 20:57	02/06/15 19:02	EPA 3005A	1,6020A	BM
Manganese, Total	23.78		mg/l	0.1000	0.0604	200	02/04/15 20:57	02/06/15 19:05	EPA 3005A	1,6020A	BM
Mercury, Total	0.00073		mg/l	0.00020	0.00006	1	02/05/15 11:25	02/06/15 11:33	EPA 7470A	1,7470A	AB
Nickel, Total	0.7176		mg/l	0.0100	0.0017	20	02/04/15 20:57	02/06/15 19:02	EPA 3005A	1,6020A	BM
Potassium, Total	25.2		mg/l	0.100	0.019	1	02/04/15 20:57	02/06/15 18:59	EPA 3005A	1,6020A	BM
Selenium, Total	0.120		mg/l	0.005	0.001	1	02/04/15 20:57	02/06/15 18:59	EPA 3005A	1,6020A	BM
Silver, Total	0.0002	J	mg/l	0.0003	0.0001	1	02/04/15 20:57	02/06/15 18:59	EPA 3005A	1,6020A	BM
Sodium, Total	292		mg/l	2.00	0.322	20	02/04/15 20:57	02/06/15 19:02	EPA 3005A	1,6020A	BM
Thallium, Total	0.0011		mg/l	0.0002	0.0001	1	02/04/15 20:57	02/06/15 18:59	EPA 3005A	1,6020A	BM
Vanadium, Total	0.3197		mg/l	0.0050	0.0006	1	02/04/15 20:57	02/06/15 18:59	EPA 3005A	1,6020A	BM
Zinc, Total	0.8162		mg/l	0.2000	0.0512	20	02/04/15 20:57	02/06/15 19:02	EPA 3005A	1,6020A	BM
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.259		mg/l	0.0100	0.00169	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Antimony, Dissolved	0.00122	J	mg/l	0.00200	0.00006	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Arsenic, Dissolved	0.00078		mg/l	0.00050	0.00012	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Barium, Dissolved	0.04248		mg/l	0.00050	0.00006	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00015	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Cadmium, Dissolved	0.00079		mg/l	0.00020	0.00005	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502061
Report Date: 02/10/15

SAMPLE RESULTS

Lab ID: L1502061-02
Client ID: GW-5
Sample Location: HARLEM
Matrix: Water

Date Collected: 01/30/15 13:00
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	249.		mg/l	20.0	6.40	200	02/06/15 14:44	02/10/15 12:36	NA	1,6020A	KL
Chromium, Dissolved	0.00119		mg/l	0.00100	0.00025	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Cobalt, Dissolved	0.02964		mg/l	0.00020	0.00006	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Copper, Dissolved	0.00558		mg/l	0.00100	0.00026	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Iron, Dissolved	0.412		mg/l	0.0500	0.0120	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Lead, Dissolved	0.00065	J	mg/l	0.00100	0.00012	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Magnesium, Dissolved	62.3		mg/l	1.40	0.446	20	02/06/15 14:44	02/10/15 12:40	NA	1,6020A	KL
Manganese, Dissolved	5.078		mg/l	0.02000	0.00604	20	02/06/15 14:44	02/10/15 12:40	NA	1,6020A	KL
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	02/05/15 12:21	02/06/15 11:56	EPA 7470A	1,7470A	AB
Nickel, Dissolved	0.03887		mg/l	0.00050	0.00008	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Potassium, Dissolved	16.8		mg/l	0.100	0.0193	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Selenium, Dissolved	0.00531		mg/l	0.00500	0.00100	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Silver, Dissolved	ND		mg/l	0.00040	0.00007	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Sodium, Dissolved	268.		mg/l	2.00	0.322	20	02/06/15 14:44	02/10/15 12:40	NA	1,6020A	KL
Thallium, Dissolved	ND		mg/l	0.00050	0.00005	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Vanadium, Dissolved	0.00062	J	mg/l	0.00500	0.00055	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL
Zinc, Dissolved	0.00291	J	mg/l	0.01000	0.00256	1	02/06/15 14:44	02/10/15 12:44	NA	1,6020A	KL

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-02 Batch: WG760661-1										
Aluminum, Total	ND		mg/l	0.010	0.002	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Antimony, Total	ND		mg/l	0.0020	0.0001	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	0.0001	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Barium, Total	ND		mg/l	0.0005	0.0001	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	0.0002	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Calcium, Total	ND		mg/l	0.100	0.032	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Chromium, Total	ND		mg/l	0.0010	0.0003	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Cobalt, Total	ND		mg/l	0.0002	0.0001	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Copper, Total	ND		mg/l	0.0010	0.0003	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Iron, Total	ND		mg/l	0.050	0.012	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Lead, Total	ND		mg/l	0.0010	0.0001	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Magnesium, Total	ND		mg/l	0.070	0.022	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Manganese, Total	ND		mg/l	0.0005	0.0003	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Nickel, Total	ND		mg/l	0.0005	0.0001	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Potassium, Total	ND		mg/l	0.100	0.019	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Selenium, Total	ND		mg/l	0.005	0.001	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Silver, Total	ND		mg/l	0.0003	0.0001	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Sodium, Total	0.038	J	mg/l	0.100	0.016	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Thallium, Total	ND		mg/l	0.0002	0.0001	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Vanadium, Total	ND		mg/l	0.0050	0.0006	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM
Zinc, Total	ND		mg/l	0.0100	0.0026	1	02/04/15 20:57	02/06/15 17:57	1,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-02 Batch: WG760788-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	02/05/15 11:25	02/06/15 11:14	1,7470A	AB

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01-02 Batch: WG760804-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	02/05/15 12:21	02/06/15 11:42	1,7470A	AB

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01-02 Batch: WG761168-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00169	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Antimony, Dissolved	0.00023	J	mg/l	0.00200	0.00006	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Arsenic, Dissolved	ND		mg/l	0.00050	0.00012	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Barium, Dissolved	ND		mg/l	0.00050	0.00006	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Beryllium, Dissolved	ND		mg/l	0.00050	0.00015	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Cadmium, Dissolved	0.00010	J	mg/l	0.00020	0.00005	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Calcium, Dissolved	ND		mg/l	0.100	0.0320	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Chromium, Dissolved	ND		mg/l	0.00100	0.00025	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Cobalt, Dissolved	ND		mg/l	0.00020	0.00006	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Copper, Dissolved	ND		mg/l	0.00100	0.00026	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Iron, Dissolved	ND		mg/l	0.0500	0.0120	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Lead, Dissolved	ND		mg/l	0.00100	0.00012	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Magnesium, Dissolved	ND		mg/l	0.0700	0.0223	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Manganese, Dissolved	ND		mg/l	0.00100	0.00030	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Nickel, Dissolved	ND		mg/l	0.00050	0.00008	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Potassium, Dissolved	0.0438	J	mg/l	0.100	0.0193	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Selenium, Dissolved	ND		mg/l	0.00500	0.00100	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Silver, Dissolved	ND		mg/l	0.00040	0.00007	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Sodium, Dissolved	0.0373	J	mg/l	0.100	0.0161	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Thallium, Dissolved	ND		mg/l	0.00050	0.00005	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL
Vanadium, Dissolved	ND		mg/l	0.00500	0.00055	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL

Project Name: TAYSTEE CREATE **Lab Number:** L1502061

Project Number: 28581.00 **Report Date:** 02/10/15

Method Blank Analysis
Batch Quality Control

Zinc, Dissolved	ND	mg/l	0.01000	0.00256	1	02/06/15 14:44	02/10/15 11:42	1,6020A	KL

Prep Information

Digestion Method: NA

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG760661-2								
Aluminum, Total	86		-		80-120	-		
Antimony, Total	86		-		80-120	-		
Arsenic, Total	96		-		80-120	-		
Barium, Total	84		-		80-120	-		
Beryllium, Total	93		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Calcium, Total	90		-		80-120	-		
Chromium, Total	85		-		80-120	-		
Cobalt, Total	91		-		80-120	-		
Copper, Total	91		-		80-120	-		
Iron, Total	84		-		80-120	-		
Lead, Total	94		-		80-120	-		
Magnesium, Total	89		-		80-120	-		
Manganese, Total	83		-		80-120	-		
Nickel, Total	88		-		80-120	-		
Potassium, Total	84		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	91		-		80-120	-		
Sodium, Total	92		-		80-120	-		
Thallium, Total	95		-		80-120	-		
Vanadium, Total	85		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG760661-2					
Zinc, Total	90	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG760788-2					
Mercury, Total	111	-	80-120	-	
Dissolved Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG760804-2					
Mercury, Dissolved	108	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG761168-2					
Aluminum, Dissolved	104	-	80-120	-	
Antimony, Dissolved	106	-	80-120	-	
Arsenic, Dissolved	104	-	80-120	-	
Barium, Dissolved	104	-	80-120	-	
Beryllium, Dissolved	107	-	80-120	-	
Cadmium, Dissolved	117	-	80-120	-	
Calcium, Dissolved	96	-	80-120	-	
Chromium, Dissolved	93	-	80-120	-	
Cobalt, Dissolved	101	-	80-120	-	
Copper, Dissolved	100	-	80-120	-	
Iron, Dissolved	101	-	80-120	-	
Lead, Dissolved	108	-	80-120	-	
Magnesium, Dissolved	114	-	80-120	-	
Manganese, Dissolved	95	-	80-120	-	
Nickel, Dissolved	100	-	80-120	-	
Potassium, Dissolved	100	-	80-120	-	
Selenium, Dissolved	119	-	80-120	-	
Silver, Dissolved	99	-	80-120	-	
Sodium, Dissolved	102	-	80-120	-	
Thallium, Dissolved	101	-	80-120	-	
Vanadium, Dissolved	99	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG761168-2					
Zinc, Dissolved	106	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG760661-4 QC Sample: L1502039-01 Client ID: MS Sample												
Aluminum, Total	0.020	2	1.70	84		-	-		75-125	-		20
Antimony, Total	0.0008J	0.5	0.4532	91		-	-		75-125	-		20
Arsenic, Total	0.0006	0.12	0.1123	93		-	-		75-125	-		20
Barium, Total	0.0701	2	1.740	83		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.0463	92		-	-		75-125	-		20
Cadmium, Total	ND	0.051	0.0520	102		-	-		75-125	-		20
Calcium, Total	120.	10	126	**60**	Q	-	-		75-125	-		20
Chromium, Total	0.0014	0.2	0.1617	80		-	-		75-125	-		20
Cobalt, Total	0.0007	0.5	0.4541	91		-	-		75-125	-		20
Copper, Total	0.0020	0.25	0.2278	90		-	-		75-125	-		20
Iron, Total	0.110	1	0.947	84		-	-		75-125	-		20
Lead, Total	0.0021	0.51	0.4908	96		-	-		75-125	-		20
Magnesium, Total	120.	10	120	**0**	Q	-	-		75-125	-		20
Manganese, Total	0.1239	0.5	0.5261	80		-	-		75-125	-		20
Nickel, Total	0.0144	0.5	0.4502	87		-	-		75-125	-		20
Potassium, Total	32.6	10	36.7	**41**	Q	-	-		75-125	-		20
Selenium, Total	ND	0.12	0.100	83		-	-		75-125	-		20
Silver, Total	ND	0.05	0.0466	93		-	-		75-125	-		20
Sodium, Total	848.	10	796	**0**	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1162	97		-	-		75-125	-		20
Vanadium, Total	0.0012J	0.5	0.4267	85		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG760661-4 QC Sample: L1502039-01 Client ID: MS Sample									
Zinc, Total	0.0227	0.5	0.4631	88	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG760788-4 QC Sample: L1502039-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00511	102	-	-	75-125	-	20
Dissolved Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG760804-4 QC Sample: L1502159-01 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00518	104	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG761168-4 QC Sample: L1502172-10 Client ID: MS Sample										
Aluminum, Dissolved	0.00550J	4	3.58	90		-	-	75-125	-	20
Antimony, Dissolved	0.00146J	1	0.8408	84		-	-	75-125	-	20
Arsenic, Dissolved	0.00170	0.24	0.2306	95		-	-	75-125	-	20
Barium, Dissolved	0.1550	4	3.742	90		-	-	75-125	-	20
Beryllium, Dissolved	ND	0.1	0.09120	91		-	-	75-125	-	20
Cadmium, Dissolved	0.00026	0.102	0.1004	98		-	-	75-125	-	20
Calcium, Dissolved	143.	20	222	**395**	Q	-	-	75-125	-	20
Chromium, Dissolved	0.00034J	0.4	0.3347	84		-	-	75-125	-	20
Cobalt, Dissolved	0.00130	1	0.8784	88		-	-	75-125	-	20
Copper, Dissolved	0.00310	0.5	0.4380	87		-	-	75-125	-	20
Iron, Dissolved	0.915	2	3.23	116		-	-	75-125	-	20
Lead, Dissolved	0.00147	1.02	0.9276	91		-	-	75-125	-	20
Magnesium, Dissolved	27.1	20	27.6	**3**	Q	-	-	75-125	-	20
Manganese, Dissolved	0.1859	1	1.200	101		-	-	75-125	-	20
Nickel, Dissolved	0.00320	1	0.8620	86		-	-	75-125	-	20
Potassium, Dissolved	14.6	20	9.20	**0**	Q	-	-	75-125	-	20
Selenium, Dissolved	ND	0.24	0.219	91		-	-	75-125	-	20
Silver, Dissolved	ND	0.1	0.08092	81		-	-	75-125	-	20
Sodium, Dissolved	600.	20	873	**1360**	Q	-	-	75-125	-	20
Thallium, Dissolved	ND	0.24	0.2092	87		-	-	75-125	-	20
Vanadium, Dissolved	0.00260J	1	0.9044	90		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG761168-4 QC Sample: L1502172-10 Client ID: MS Sample									
Zinc, Dissolved	0.02343	1	0.9552	93	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG760661-3 QC Sample: L1502039-01 Client ID: DUP Sample						
Aluminum, Total	0.020	0.022	mg/l	11		20
Antimony, Total	0.0008J	0.0006J	mg/l	NC		20
Arsenic, Total	0.0006	0.0005	mg/l	6		20
Barium, Total	0.0701	0.070	mg/l	0		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	0.0001J	mg/l	NC		20
Chromium, Total	0.0014	0.0013	mg/l	8		20
Cobalt, Total	0.0007	0.0006	mg/l	3		20
Copper, Total	0.0020	0.0025	mg/l	18		20
Iron, Total	0.110	0.099	mg/l	11		20
Lead, Total	0.0021	0.002	mg/l	6		20
Manganese, Total	0.1239	0.1166	mg/l	6		20
Nickel, Total	0.0144	0.0127	mg/l	12		20
Potassium, Total	32.6	30.6	mg/l	6		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Thallium, Total	ND	ND	mg/l	NC		20
Vanadium, Total	0.0012J	0.0008J	mg/l	NC		20
Zinc, Total	0.0227	0.0222	mg/l	2		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG760661-3 QC Sample: L1502039-01 Client ID: DUP Sample					
Calcium, Total	120.	139	mg/l	15	20
Magnesium, Total	120.	126	mg/l	5	20
Sodium, Total	848.	865	mg/l	2	20
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG760788-3 QC Sample: L1502039-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20
Dissolved Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG760804-3 QC Sample: L1502159-01 Client ID: DUP Sample					
Mercury, Dissolved	ND	ND	mg/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG761168-3 QC Sample: L1502172-10 Client ID: DUP Sample						
Aluminum, Dissolved	0.00550J	0.0130J	mg/l	NC		20
Antimony, Dissolved	0.00146J	0.00376J	mg/l	NC		20
Arsenic, Dissolved	0.00170	0.00330	mg/l	**64**	Q	20
Barium, Dissolved	0.1550	0.3066	mg/l	**66**	Q	20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	0.00026	0.00027J	mg/l	NC		20
Chromium, Dissolved	0.00034J	ND	mg/l	NC		20
Cobalt, Dissolved	0.00130	0.00240	mg/l	**60**	Q	20
Copper, Dissolved	0.00310	0.00698	mg/l	**77**	Q	20
Iron, Dissolved	0.915	1.97	mg/l	**73**	Q	20
Lead, Dissolved	0.00147	0.00295	mg/l	**67**	Q	20
Magnesium, Dissolved	27.1	54.4	mg/l	**67**	Q	20
Manganese, Dissolved	0.1859	0.3986	mg/l	**73**	Q	20
Nickel, Dissolved	0.00320	0.00755	mg/l	**81**	Q	20
Potassium, Dissolved	14.6	28.9	mg/l	**66**	Q	20
Selenium, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Thallium, Dissolved	ND	ND	mg/l	NC		20
Vanadium, Dissolved	0.00260J	0.00589J	mg/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG761168-3 QC Sample: L1502172-10 Client ID: DUP Sample						
Zinc, Dissolved	0.02343	0.05116	mg/l	**74**	Q	20
Dissolved Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG761168-3 QC Sample: L1502172-10 Client ID: DUP Sample						
Calcium, Dissolved	143.	271	mg/l	**62**	Q	20
Sodium, Dissolved	600.	1140	mg/l	**62**	Q	20

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1502061-01A	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1502061-01B	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1502061-01C	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1502061-01D	Plastic 250ml HNO3 preserved	A	<2	2.7	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1502061-01E	Plastic 250ml unpreserved	A	8	2.7	Y	Absent	-
L1502061-01F	Amber 1000ml unpreserved	A	7	2.7	Y	Absent	NYTCL-8082-1200ML(7)
L1502061-01G	Amber 1000ml unpreserved	A	7	2.7	Y	Absent	NYTCL-8082-1200ML(7)
L1502061-01H	Amber 500ml unpreserved	A	7	2.7	Y	Absent	NYTCL-8081(7)
L1502061-01I	Amber 500ml unpreserved	A	7	2.7	Y	Absent	NYTCL-8081(7)
L1502061-01J	Amber 1000ml unpreserved	A	7	2.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1502061-01X	Plastic 120ml HNO3 preserved spl	A	<2	2.7	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1502061-02A	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1502061-02B	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502061
Report Date: 02/10/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1502061-02C	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1502061-02D	Plastic 250ml HNO3 preserved	A	<2	2.7	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1502061-02E	Plastic 250ml unpreserved	A	8	2.7	Y	Absent	-
L1502061-02F	Amber 1000ml unpreserved	A	7	2.7	Y	Absent	NYTCL-8082-1200ML(7)
L1502061-02G	Amber 1000ml unpreserved	A	7	2.7	Y	Absent	NYTCL-8082-1200ML(7)
L1502061-02H	Amber 500ml unpreserved	A	7	2.7	Y	Absent	NYTCL-8081(7)
L1502061-02I	Amber 500ml unpreserved	A	7	2.7	Y	Absent	NYTCL-8081(7)
L1502061-02J	Amber 1000ml unpreserved	A	7	2.7	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1502061-02X	Plastic 120ml HNO3 preserved spl	A	<2	2.7	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1502061-03A	Amber 1000ml unpreserved	A	7	2.7	Y	Absent	HOLD-8082()
L1502061-04A	Amber 1000ml unpreserved	A	7	2.7	Y	Absent	HOLD-8082()

Container Comments

L1502061-01E

L1502061-01X

L1502061-02E

L1502061-02X

*Values in parentheses indicate holding time in days

Project Name:	TAYSTEE CREATE	**Lab Number:**	L1502061
Project Number:	28581.00	**Report Date:**	02/10/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Report Format: DU Report with 'J' Qualifiers

Project Name:	TAYSTEE CREATE	**Lab Number:**	L1502061
Project Number:	28581.00	**Report Date:**	02/10/15

Data Qualifiers

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name: TAYSTEE CREATE **Lab Number:** L1502061
Project Number: 28581.00 **Report Date:** 02/10/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Serial No:02101516:53

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 2-3-15

ALPHA Job #: L1502061

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: VHB Engineering
Address: 100 Motor Parkway
Ste 135 Hauppauge NY 11788
Phone: 631 - 787 - 3400
Fax: 631 - 813-2545
Email: BMurty@VHB.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Toystee Create
Project Location: Harlem
Project #: 28581
Project Manager: Bryan Murty
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 2-8 Time:

Report Information - Data Deliverables

☐ FAX ☑ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs (USEPA 8260)	SVOCs (USEPA 8270)	Pesticides/PCB (USEPA 8081/8082)	TAL Metals (USEPA 6010)	TAL metals (total & dissolved)							Sample Specific Comments	Total # Bottles
02061-01	~~MW~~ GW-4	1/30/15		W	RM	X	X	X	X	X								
02	GW-5	1/30/15		W	RM	X	X	X	X	X								

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type	
Preservative	

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	2/2/15 1000	[signature] AAA	2/2/15 10:00
[signature]	2/2/15 1840	[signature] Tom Toder	2-3-15 1840
Tom Toder	2-3-15 2310	[signature]	2-3-15 2310

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

ANALYTICAL REPORT

Lab Number:	L1502174
Client:	VHB Engineering, Surveying and Landscape 100 Motor Parkway Suite 135 Hauppauge, NY 11788
ATTN:	Bryan Murty
Phone:	(631) 234-3444
Project Name:	TAYSTEE CREATE
Project Number:	28581.00
Report Date:	02/11/15

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Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1502174-01	SG-1	SOIL_VAPOR	HARLEM, NY	01/30/15 12:02	02/02/15
L1502174-02	SG-2	SOIL_VAPOR	HARLEM, NY	01/30/15 12:16	02/02/15
L1502174-03	SG-3	SOIL_VAPOR	HARLEM, NY	01/30/15 12:24	02/02/15
L1502174-04	SG-4	SOIL_VAPOR	HARLEM, NY	01/30/15 12:30	02/02/15
L1502174-05	SG-5	SOIL_VAPOR	HARLEM, NY	01/30/15 12:05	02/02/15
L1502174-06	SG-6	SOIL_VAPOR	HARLEM, NY	01/30/15 12:46	02/02/15
L1502174-07	SG-7	SOIL_VAPOR	HARLEM, NY	01/30/15 12:35	02/02/15

Project Name: TAYSTEE CREATE **Lab Number:** L1502174
Project Number: 28581.00 **Report Date:** 02/11/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: TAYSTEE CREATE **Lab Number:** L1502174
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Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on January 21, 2015. The canister certification results are provided as an addendum.

Sample L1502174-01 results for Acetone should be considered estimated due to co-elution with a non-target peak.

Sample L1502174-03 results for isopropyl alcohol should be considered estimated due to co-elution with a non-target peak.

Sample L1502174-04 has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Helium in Air

Samples L1502174-01 through -07: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to facilitate the transfer of sample to the Gas Chromatograph. The addition of Nitrogen resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

The sample designated SG-6 (L1502174-06) had a RPD for the pre- and post-flow controller calibration check (44% RPD) that was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 17.6 mL/minute; the final flow rate was 11.2 mL/minute. The final pressure recorded by the laboratory of the associated canister was -2.8 inches of mercury.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 02/11/15

AIR

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-01
Client ID: SG-1
Sample Location: HARLEM, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/15 00:51
Analyst: MB

Date Collected: 01/30/15 12:02
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.334	0.200	--	1.65	0.989	--		1
Chloromethane	0.327	0.200	--	0.675	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	9.40	0.200	--	20.8	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	28.3	2.50	--	53.3	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	130	1.00	--	309	2.38	--		1
Trichlorofluoromethane	0.284	0.200	--	1.60	1.12	--		1
iso-Propyl Alcohol	18.1	0.500	--	44.5	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	1.38	0.500	--	4.18	1.52	--		1
Methylene chloride	2.01	0.500	--	6.98	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.14	0.200	--	3.55	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.53	0.200	--	4.51	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-01
Client ID: SG-1
Sample Location: HARLEM, NY
Date Collected: 01/30/15 12:02
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	0.749	0.200	--	3.66	0.977	--		1
Tetrahydrofuran	0.300	0.200	--	0.885	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.37	0.200	--	8.35	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.634	0.200	--	2.03	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.35	0.200	--	4.65	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	2.88	0.200	--	13.5	0.934	--		1
Heptane	0.974	0.200	--	3.99	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.239	0.200	--	0.979	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	4.58	0.200	--	17.3	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.634	0.200	--	4.30	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.47	0.200	--	6.39	0.869	--		1
p/m-Xylene	4.01	0.400	--	17.4	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-01
Client ID: SG-1
Sample Location: HARLEM, NY
Date Collected: 01/30/15 12:02
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.70	0.200	--	7.38	0.869	--		1
4-Ethyltoluene	0.282	0.200	--	1.39	0.983	--		1
1,3,5-Trimethylbenzene	0.353	0.200	--	1.74	0.983	--		1
1,2,4-Trimethylbenzene	1.12	0.200	--	5.51	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.380	0.200	--	2.28	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	85		60-140

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-02
Client ID: SG-2
Sample Location: HARLEM, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/15 01:23
Analyst: MB

Date Collected: 01/30/15 12:16
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.308	0.200	--	1.52	0.989	--		1
Chloromethane	0.480	0.200	--	0.991	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	1.41	0.200	--	3.12	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	25.8	2.50	--	48.6	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	172	1.00	--	409	2.38	--		1
Trichlorofluoromethane	0.306	0.200	--	1.72	1.12	--		1
iso-Propyl Alcohol	18.2	0.500	--	44.7	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	2.50	0.500	--	7.58	1.52	--		1
Methylene chloride	1.26	0.500	--	4.38	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.35	0.200	--	4.20	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	4.28	0.200	--	12.6	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-02
Client ID: SG-2
Sample Location: HARLEM, NY
Date Collected: 01/30/15 12:16
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.319	0.200	--	0.941	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.548	0.200	--	1.93	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.502	0.200	--	1.60	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.277	0.200	--	0.953	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.660	0.200	--	3.08	0.934	--		1
Heptane	0.395	0.200	--	1.62	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.240	0.200	--	0.984	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.73	0.200	--	6.52	0.754	--		1
2-Hexanone	0.433	0.200	--	1.77	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.46	0.200	--	6.34	0.869	--		1
p/m-Xylene	3.17	0.400	--	13.8	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-02
Client ID: SG-2
Sample Location: HARLEM, NY
Date Collected: 01/30/15 12:16
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.67	0.200	--	7.25	0.869	--		1
4-Ethyltoluene	0.290	0.200	--	1.43	0.983	--		1
1,3,5-Trimethylbenzene	0.349	0.200	--	1.72	0.983	--		1
1,2,4-Trimethylbenzene	1.18	0.200	--	5.80	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.403	0.200	--	2.42	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	84		60-140

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-03
Client ID: SG-3
Sample Location: HARLEM, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/15 01:55
Analyst: MB

Date Collected: 01/30/15 12:24
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	2.88	0.200	--	14.2	0.989	--		1
Chloromethane	0.216	0.200	--	0.446	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.649	0.200	--	1.44	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	25.8	2.50	--	48.6	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	105	1.00	--	249	2.38	--		1
Trichlorofluoromethane	44.6	0.200	--	251	1.12	--		1
iso-Propyl Alcohol	32.8	0.500	--	80.6	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	1.93	0.500	--	5.85	1.52	--		1
Methylene chloride	0.978	0.500	--	3.40	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.850	0.200	--	2.65	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.02	0.200	--	3.01	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-03
Client ID: SG-3
Sample Location: HARLEM, NY
Date Collected: 01/30/15 12:24
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.363	0.200	--	1.07	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.832	0.200	--	2.93	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.471	0.200	--	1.50	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.227	0.200	--	0.781	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.619	0.200	--	2.89	0.934	--		1
Heptane	0.222	0.200	--	0.910	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.207	0.200	--	0.848	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.11	0.200	--	4.18	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.911	0.200	--	3.96	0.869	--		1
p/m-Xylene	2.17	0.400	--	9.43	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-03
Client ID: SG-3
Sample Location: HARLEM, NY
Date Collected: 01/30/15 12:24
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.993	0.200	--	4.31	0.869	--		1
4-Ethyltoluene	0.256	0.200	--	1.26	0.983	--		1
1,3,5-Trimethylbenzene	0.275	0.200	--	1.35	0.983	--		1
1,2,4-Trimethylbenzene	0.978	0.200	--	4.81	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.350	0.200	--	2.10	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	86		60-140

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-04 D
Client ID: SG-4
Sample Location: HARLEM, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/15 02:27
Analyst: MB

Date Collected: 01/30/15 12:30
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--		5
Chloromethane	ND	1.00	--	ND	2.07	--		5
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	14.8	1.00	--	32.7	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	ND	1.00	--	ND	2.64	--		5
Ethyl Alcohol	33.0	12.5	--	62.2	23.6	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	106	5.00	--	252	11.9	--		5
Trichlorofluoromethane	ND	1.00	--	ND	5.62	--		5
iso-Propyl Alcohol	82.8	2.50	--	204	6.15	--		5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
tert-Butyl Alcohol	2.58	2.50	--	7.82	7.58	--		5
Methylene chloride	ND	2.50	--	ND	8.69	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	32.4	1.00	--	101	3.11	--		5
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	ND	1.00	--	ND	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
2-Butanone	1.70	1.00	--	5.01	2.95	--		5
cis-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Ethyl Acetate	ND	2.50	--	ND	9.01	--		5

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-04 D
Client ID: SG-4
Sample Location: HARLEM, NY

Date Collected: 01/30/15 12:30
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	1.00	--	ND	4.88	--		5
Tetrahydrofuran	ND	1.00	--	ND	2.95	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	6.09	1.00	--	21.5	3.52	--		5
1,1,1-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Benzene	ND	1.00	--	ND	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	ND	1.00	--	ND	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	ND	1.00	--	ND	5.37	--		5
2,2,4-Trimethylpentane	2.74	1.00	--	12.8	4.67	--		5
Heptane	1.74	1.00	--	7.13	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	8.94	1.00	--	33.7	3.77	--		5
2-Hexanone	ND	1.00	--	ND	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	ND	1.00	--	ND	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	2.70	1.00	--	11.7	4.34	--		5
p/m-Xylene	8.61	2.00	--	37.4	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-04 D
Client ID: SG-4
Sample Location: HARLEM, NY
Date Collected: 01/30/15 12:30
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	3.51	1.00	--	15.2	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	1.90	1.00	--	9.34	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	87		60-140

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-05
Client ID: SG-5
Sample Location: HARLEM, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/15 02:58
Analyst: MB

Date Collected: 01/30/15 12:05
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.437	0.200	--	2.16	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.214	0.200	--	0.473	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	14.7	2.50	--	27.7	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	147	1.00	--	349	2.38	--		1
Trichlorofluoromethane	0.297	0.200	--	1.67	1.12	--		1
iso-Propyl Alcohol	10.2	0.500	--	25.1	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	0.811	0.500	--	2.46	1.52	--		1
Methylene chloride	1.12	0.500	--	3.89	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.734	0.200	--	2.29	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.51	0.200	--	7.40	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-05
Client ID: SG-5
Sample Location: HARLEM, NY
Date Collected: 01/30/15 12:05
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.412	0.200	--	1.22	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.488	0.200	--	1.72	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.587	0.200	--	1.88	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.725	0.200	--	2.50	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.629	0.200	--	2.94	0.934	--		1
Heptane	0.348	0.200	--	1.43	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.317	0.200	--	1.30	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.72	0.200	--	6.48	0.754	--		1
2-Hexanone	0.304	0.200	--	1.25	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.19	0.200	--	5.17	0.869	--		1
p/m-Xylene	2.79	0.400	--	12.1	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-05
Client ID: SG-5
Sample Location: HARLEM, NY
Date Collected: 01/30/15 12:05
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.45	0.200	--	6.30	0.869	--		1
4-Ethyltoluene	0.322	0.200	--	1.58	0.983	--		1
1,3,5-Trimethylbenzene	0.402	0.200	--	1.98	0.983	--		1
1,2,4-Trimethylbenzene	1.30	0.200	--	6.39	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.430	0.200	--	2.59	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	85		60-140

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-06
Client ID: SG-6
Sample Location: HARLEM, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/15 03:30
Analyst: MB

Date Collected: 01/30/15 12:46
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.351	0.200	--	1.74	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.337	0.200	--	0.746	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	31.2	2.50	--	58.8	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	116	1.00	--	276	2.38	--		1
Trichlorofluoromethane	0.297	0.200	--	1.67	1.12	--		1
iso-Propyl Alcohol	28.7	0.500	--	70.5	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	0.901	0.500	--	2.73	1.52	--		1
Methylene chloride	1.34	0.500	--	4.66	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.22	0.200	--	3.60	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-06
Client ID: SG-6
Sample Location: HARLEM, NY
Date Collected: 01/30/15 12:46
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.288	0.200	--	0.849	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.911	0.200	--	3.21	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.605	0.200	--	1.93	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.58	0.200	--	5.44	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	2.24	0.200	--	10.5	0.934	--		1
Heptane	1.16	0.200	--	4.75	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.226	0.200	--	0.926	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	6.39	0.200	--	24.1	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	2.52	0.200	--	10.9	0.869	--		1
p/m-Xylene	8.02	0.400	--	34.8	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-06
Client ID: SG-6
Sample Location: HARLEM, NY
Date Collected: 01/30/15 12:46
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.71	0.200	--	11.8	0.869	--		1
4-Ethyltoluene	0.416	0.200	--	2.05	0.983	--		1
1,3,5-Trimethylbenzene	0.288	0.200	--	1.42	0.983	--		1
1,2,4-Trimethylbenzene	0.843	0.200	--	4.14	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	82		60-140

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-07
Client ID: SG-7
Sample Location: HARLEM, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/15 08:24
Analyst: MB

Date Collected: 01/30/15 12:35
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.407	0.200	--	2.01	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.964	0.200	--	2.13	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	25.6	2.50	--	48.2	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	188	1.00	--	447	2.38	--		1
Trichlorofluoromethane	0.249	0.200	--	1.40	1.12	--		1
iso-Propyl Alcohol	33.4	0.500	--	82.1	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	1.90	0.500	--	5.76	1.52	--		1
Methylene chloride	1.38	0.500	--	4.79	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.422	0.200	--	1.31	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.32	0.200	--	3.89	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-07
Client ID: SG-7
Sample Location: HARLEM, NY
Date Collected: 01/30/15 12:35
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.428	0.200	--	1.26	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.777	0.200	--	2.74	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.605	0.200	--	1.93	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.498	0.200	--	1.71	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	1.71	0.200	--	7.99	0.934	--		1
Heptane	0.884	0.200	--	3.62	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.276	0.200	--	1.13	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	4.31	0.200	--	16.2	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.87	0.200	--	8.12	0.869	--		1
p/m-Xylene	4.27	0.400	--	18.5	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID: L1502174-07
Client ID: SG-7
Sample Location: HARLEM, NY
Date Collected: 01/30/15 12:35
Date Received: 02/02/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.99	0.200	--	8.64	0.869	--		1
4-Ethyltoluene	0.296	0.200	--	1.46	0.983	--		1
1,3,5-Trimethylbenzene	0.359	0.200	--	1.76	0.983	--		1
1,2,4-Trimethylbenzene	1.15	0.200	--	5.65	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.319	0.200	--	1.92	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	86		60-140

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/09/15 18:31

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG761493-4								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/09/15 18:31

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG761493-4								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/09/15 18:31

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG761493-4								
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/09/15 18:31

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG761493-4								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/09/15 18:31

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-07 Batch: WG761493-4								
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG761493-3								
Chlorodifluoromethane	83		-		70-130	-		
Propylene	98		-		70-130	-		
Propane	76		-		70-130	-		
Dichlorodifluoromethane	101		-		70-130	-		
Chloromethane	91		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	95		-		70-130	-		
Methanol	84		-		70-130	-		
Vinyl chloride	94		-		70-130	-		
1,3-Butadiene	90		-		70-130	-		
Butane	85		-		70-130	-		
Bromomethane	97		-		70-130	-		
Chloroethane	95		-		70-130	-		
Ethyl Alcohol	87		-		70-130	-		
Dichlorofluoromethane	84		-		70-130	-		
Vinyl bromide	97		-		70-130	-		
Acrolein	88		-		70-130	-		
Acetone	100		-		70-130	-		
Acetonitrile	87		-		70-130	-		
Trichlorofluoromethane	96		-		70-130	-		
iso-Propyl Alcohol	92		-		70-130	-		
Acrylonitrile	82		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG761493-3								
Pentane	88		-		70-130	-		
Ethyl ether	86		-		70-130	-		
1,1-Dichloroethene	94		-		70-130	-		
tert-Butyl Alcohol	85		-		70-130	-		
Methylene chloride	92		-		70-130	-		
3-Chloropropene	97		-		70-130	-		
Carbon disulfide	95		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	98		-		70-130	-		
trans-1,2-Dichloroethene	86		-		70-130	-		
1,1-Dichloroethane	94		-		70-130	-		
Methyl tert butyl ether	92		-		70-130	-		
Vinyl acetate	102		-		70-130	-		
2-Butanone	93		-		70-130	-		
cis-1,2-Dichloroethene	104		-		70-130	-		
Ethyl Acetate	101		-		70-130	-		
Chloroform	96		-		70-130	-		
Tetrahydrofuran	95		-		70-130	-		
2,2-Dichloropropane	86		-		70-130	-		
1,2-Dichloroethane	90		-		70-130	-		
n-Hexane	88		-		70-130	-		
Isopropyl Ether	87		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG761493-3								
Ethyl-Tert-Butyl-Ether	84		-		70-130	-		
1,1,1-Trichloroethane	92		-		70-130	-		
1,1-Dichloropropene	92		-		70-130	-		
Benzene	92		-		70-130	-		
Carbon tetrachloride	90		-		70-130	-		
Cyclohexane	89		-		70-130	-		
Tertiary-Amyl Methyl Ether	85		-		70-130	-		
Dibromomethane	85		-		70-130	-		
1,2-Dichloropropane	93		-		70-130	-		
Bromodichloromethane	91		-		70-130	-		
1,4-Dioxane	89		-		70-130	-		
Trichloroethene	95		-		70-130	-		
2,2,4-Trimethylpentane	89		-		70-130	-		
Methyl methacrylate	85		-		70-130	-		
Heptane	91		-		70-130	-		
cis-1,3-Dichloropropene	100		-		70-130	-		
4-Methyl-2-pentanone	94		-		70-130	-		
trans-1,3-Dichloropropene	81		-		70-130	-		
1,1,2-Trichloroethane	98		-		70-130	-		
Toluene	100		-		70-130	-		
1,3-Dichloropropane	96		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00
Lab Number: L1502174
Report Date: 02/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG761493-3								
2-Hexanone	98		-		70-130	-		
Dibromochloromethane	102		-		70-130	-		
1,2-Dibromoethane	102		-		70-130	-		
Butyl Acetate	93		-		70-130	-		
Octane	95		-		70-130	-		
Tetrachloroethene	105		-		70-130	-		
1,1,1,2-Tetrachloroethane	97		-		70-130	-		
Chlorobenzene	106		-		70-130	-		
Ethylbenzene	104		-		70-130	-		
p/m-Xylene	103		-		70-130	-		
Bromoform	105		-		70-130	-		
Styrene	104		-		70-130	-		
1,1,2,2-Tetrachloroethane	108		-		70-130	-		
o-Xylene	106		-		70-130	-		
1,2,3-Trichloropropane	98		-		70-130	-		
Nonane (C9)	96		-		70-130	-		
Isopropylbenzene	109		-		70-130	-		
Bromobenzene	99		-		70-130	-		
o-Chlorotoluene	101		-		70-130	-		
n-Propylbenzene	100		-		70-130	-		
p-Chlorotoluene	96		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 Batch: WG761493-3								
4-Ethyltoluene	101		-		70-130	-		
1,3,5-Trimethylbenzene	103		-		70-130	-		
tert-Butylbenzene	102		-		70-130	-		
1,2,4-Trimethylbenzene	109		-		70-130	-		
Decane (C10)	98		-		70-130	-		
Benzyl chloride	109		-		70-130	-		
1,3-Dichlorobenzene	114		-		70-130	-		
1,4-Dichlorobenzene	110		-		70-130	-		
sec-Butylbenzene	102		-		70-130	-		
p-Isopropyltoluene	96		-		70-130	-		
1,2-Dichlorobenzene	111		-		70-130	-		
n-Butylbenzene	106		-		70-130	-		
1,2-Dibromo-3-chloropropane	100		-		70-130	-		
Undecane	102		-		70-130	-		
Dodecane (C12)	110		-		70-130	-		
1,2,4-Trichlorobenzene	122		-		70-130	-		
Naphthalene	113		-		70-130	-		
1,2,3-Trichlorobenzene	117		-		70-130	-		
Hexachlorobutadiene	113		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG761493-5 QC Sample: L1502268-02 Client ID: DUP Sample						
Dichlorodifluoromethane	0.321	0.406	ppbV	23		25
Chloromethane	ND	ND	ppbV	NC		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	0.241	0.299	ppbV	21		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	20.4	21.2	ppbV	4		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	8.54	8.79	ppbV	3		25
Trichlorofluoromethane	0.578	0.608	ppbV	5		25
iso-Propyl Alcohol	4.21	4.37	ppbV	4		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
tert-Butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	0.910	0.922	ppbV	1		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	0.503	0.514	ppbV	2		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG761493-5 QC Sample: L1502268-02 Client ID: DUP Sample						
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	ND	0.202	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.401	0.392	ppbV	2		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	0.434	0.455	ppbV	5		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	0.219	0.286	ppbV	**27**	Q	25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	0.202	0.208	ppbV	3		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG761493-5 QC Sample: L1502268-02 Client ID: DUP Sample					
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	2.32	2.32	ppbV	0	25
2-Hexanone	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	0.611	0.632	ppbV	3	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	0.230	0.238	ppbV	3	25
p/m-Xylene	0.832	0.848	ppbV	2	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	0.294	0.294	ppbV	0	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	ND	0.201	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG761493-5 QC Sample: L1502268-02 Client ID: DUP Sample					
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID:	L1502174-01	D	Date Collected:	01/30/15 12:02
Client ID:	SG-1		Date Received:	02/02/15
Sample Location:	HARLEM, NY		Field Prep:	Not Specified
Matrix:	Soil_Vapor		Extraction Method:	
Analytical Method:	51,3C			
Analytical Date:	02/10/15 16:28			
Analyst:	MR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Helium	ND		%	0.195	--	1.952

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID:	L1502174-02	D	Date Collected:	01/30/15 12:16
Client ID:	SG-2		Date Received:	02/02/15
Sample Location:	HARLEM, NY		Field Prep:	Not Specified
Matrix:	Soil_Vapor		Extraction Method:	
Analytical Method:	51,3C			
Analytical Date:	02/10/15 17:04			
Analyst:	MR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Helium	ND		%	0.202	--	2.02

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID:	L1502174-03	D	Date Collected:	01/30/15 12:24
Client ID:	SG-3		Date Received:	02/02/15
Sample Location:	HARLEM, NY		Field Prep:	Not Specified
Matrix:	Soil_Vapor		Extraction Method:	
Analytical Method:	51,3C			
Analytical Date:	02/10/15 17:39			
Analyst:	MR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Helium	ND		%	0.160	--	1.595

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID:	L1502174-04	D	Date Collected:	01/30/15 12:30
Client ID:	SG-4		Date Received:	02/02/15
Sample Location:	HARLEM, NY		Field Prep:	Not Specified
Matrix:	Soil_Vapor		Extraction Method:	
Analytical Method:	51,3C			
Analytical Date:	02/10/15 18:15			
Analyst:	MR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Helium	ND		%	0.137	--	1.367

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID:	L1502174-05	D	Date Collected:	01/30/15 12:05
Client ID:	SG-5		Date Received:	02/02/15
Sample Location:	HARLEM, NY		Field Prep:	Not Specified
Matrix:	Soil_Vapor		Extraction Method:	
Analytical Method:	51,3C			
Analytical Date:	02/10/15 18:50			
Analyst:	MR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Helium	ND		%	0.199	--	1.99

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID:	L1502174-06	D	Date Collected:	01/30/15 12:46
Client ID:	SG-6		Date Received:	02/02/15
Sample Location:	HARLEM, NY		Field Prep:	Not Specified
Matrix:	Soil_Vapor		Extraction Method:	
Analytical Method:	51,3C			
Analytical Date:	02/10/15 19:25			
Analyst:	MR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Helium	ND		%	0.176	--	1.763

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

SAMPLE RESULTS

Lab ID:	L1502174-07	D	Date Collected:	01/30/15 12:35
Client ID:	SG-7		Date Received:	02/02/15
Sample Location:	HARLEM, NY		Field Prep:	Not Specified
Matrix:	Soil_Vapor		Extraction Method:	
Analytical Method:	51,3C			
Analytical Date:	02/10/15 20:01			
Analyst:	MR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Helium	ND		%	0.193	--	1.933

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 51,3C
Analytical Date: 02/10/15 16:02
Analyst: MR

Parameter	Result	Qualifier	Units	RL	MDL
Fixed Gases by GC - Mansfield Lab for sample(s): 01-07 Batch: WG761674-2					
Helium	ND		%	0.100	--

Lab Control Sample Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-07 Batch: WG761674-1								
Helium	104		-		80-120	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG761674-3 QC Sample: L1502174-01 Client ID: SG-1						
Helium	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG761674-4 QC Sample: L1502174-02 Client ID: SG-2						
Helium	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG761674-5 QC Sample: L1502174-03 Client ID: SG-3						
Helium	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG761674-6 QC Sample: L1502174-04 Client ID: SG-4						
Helium	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG761674-7 QC Sample: L1502174-05 Client ID: SG-5						
Helium	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG761674-8 QC Sample: L1502174-06 Client ID: SG-6						
Helium	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG761674-9 QC Sample: L1502174-07 Client ID: SG-7						
Helium	ND	ND	%	NC		5

Project Name: TAYSTEE CREATE

Lab Number: L1502174

Project Number: 28581.00

Report Date: 02/11/15

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1502174-01	SG-1	0554	#30 SV	01/21/15	114010		-	-	-	Pass	18.0	17.0	6
L1502174-01	SG-1	156	2.7L Can	01/21/15	114010	L1501134-01	Pass	-29.6	-5.8	-	-	-	-
L1502174-02	SG-2	0399	#30 AMB	01/21/15	114010		-	-	-	Pass	17.5	17.7	1
L1502174-02	SG-2	191B	2.7L Can	01/21/15	114010	L1501134-01	Pass	-29.6	-5.8	-	-	-	-
L1502174-03	SG-3	0579	#20 SV	01/21/15	114010		-	-	-	Pass	18.0	18.2	1
L1502174-03	SG-3	463	2.7L Can	01/21/15	114010	L1501134-01	Pass	-28.6	-0.4	-	-	-	-
L1502174-04	SG-4	0210	#16 SV	01/21/15	114010		-	-	-	Pass	17.5	17.5	0
L1502174-04	SG-4	132	2.7L Can	01/21/15	114010	L1501134-01	Pass	-29.6	1.7	-	-	-	-
L1502174-05	SG-5	0562	#20 AMB	01/21/15	114010		-	-	-	Pass	17.6	17.7	1
L1502174-05	SG-5	321	2.7L Can	01/21/15	114010	L1501134-01	Pass	-29.6	-5.8	-	-	-	-
L1502174-06	SG-6	0466	#30 SV	01/21/15	114010		-	-	-	Pass	17.6	11.2	44
L1502174-06	SG-6	546	2.7L Can	01/21/15	114010	L1501134-01	Pass	-29.6	-2.8	-	-	-	-
L1502174-07	SG-7	0272	#30 SV	01/21/15	114010		-	-	-	Pass	18.0	18.2	1
L1502174-07	SG-7	512	2.7L Can	01/21/15	114010	L1501134-01	Pass	-29.6	-5.0	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1501134

Project Number: CANISTER QC BAT **Report Date:** 02/11/15

Air Canister Certification Results

Lab ID:	L1501134-01	Date Collected:	01/16/15 17:04
Client ID:	CAN 118 SHELF 2	Date Received:	01/17/15
Sample Location:		Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	01/17/15 16:56		
Analyst:	RY		

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1501134

Project Number: CANISTER QC BAT **Report Date:** 02/11/15

Air Canister Certification Results

Lab ID: L1501134-01 Date Collected: 01/16/15 17:04

Client ID: CAN 118 SHELF 2 Date Received: 01/17/15

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1501134

Project Number: CANISTER QC BAT **Report Date:** 02/11/15

Air Canister Certification Results

Lab ID: L1501134-01 Date Collected: 01/16/15 17:04

Client ID: CAN 118 SHELF 2 Date Received: 01/17/15

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1501134

Project Number: CANISTER QC BAT **Report Date:** 02/11/15

Air Canister Certification Results

Lab ID: L1501134-01 Date Collected: 01/16/15 17:04

Client ID: CAN 118 SHELF 2 Date Received: 01/17/15

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1501134

Project Number: CANISTER QC BAT **Report Date:** 02/11/15

Air Canister Certification Results

Lab ID: L1501134-01 Date Collected: 01/16/15 17:04

Client ID: CAN 118 SHELF 2 Date Received: 01/17/15

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	91		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1501134

Project Number: CANISTER QC BAT **Report Date:** 02/11/15

Air Canister Certification Results

Lab ID:	L1501134-01	Date Collected:	01/16/15 17:04
Client ID:	CAN 118 SHELF 2	Date Received:	01/17/15
Sample Location:		Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15-SIM		
Analytical Date:	01/17/15 16:56		
Analyst:	RY		

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1501134

Project Number: CANISTER QC BAT **Report Date:** 02/11/15

Air Canister Certification Results

Lab ID: L1501134-01 Date Collected: 01/16/15 17:04

Client ID: CAN 118 SHELF 2 Date Received: 01/17/15

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1501134

Project Number: CANISTER QC BAT **Report Date:** 02/11/15

Air Canister Certification Results

Lab ID: L1501134-01 Date Collected: 01/16/15 17:04

Client ID: CAN 118 SHELF 2 Date Received: 01/17/15

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140

Project Name: TAYSTEE CREATE
Project Number: 28581.00

Lab Number: L1502174
Report Date: 02/11/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**

Cooler	
N/A	Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1502174-01A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	FIXGAS(30),TO15-LL(30)
L1502174-02A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	FIXGAS(30),TO15-LL(30)
L1502174-03A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	FIXGAS(30),TO15-LL(30)
L1502174-04A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	FIXGAS(30),TO15-LL(30)
L1502174-05A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	FIXGAS(30),TO15-LL(30)
L1502174-06A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	FIXGAS(30),TO15-LL(30)
L1502174-07A	Canister - 2.7 Liter	N/A	NA		Y	Present/Intact	FIXGAS(30),TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	TAYSTEE CREATE	**Lab Number:**	L1502174
Project Number:	28581.00	**Report Date:**	02/11/15

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Report Format: Data Usability Report

Project Name:	TAYSTEE CREATE	**Lab Number:**	L1502174
Project Number:	28581.00	**Report Date:**	02/11/15

Data Qualifiers

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: TAYSTEE CREATE **Lab Number:** L1502174
Project Number: 28581.00 **Report Date:** 02/11/15

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

51 Determination of Carbon Dioxide, Methane, Nitrogen and Oxygen from Stationary Sources. Method 3C. Appendix A, Part 60, 40 CFR (Code of Federal Regulations). June 20, 1996.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #: L1502174

Client Information

Client: VHB
Address: 100 Motor Parkway Ste 135 Hauppauge NY 11788
Phone: 631-787-7400
Fax: 631-813-2545
Email: BMurty@VHB.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Tuckahoe Arcade
Project Location: Harlem
Project #: 28581.00
Project Manager: Bryan Murty
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
Other Formats: _____
☑ EMAIL (standard pdf report)
☐ Additional Deliverables: _____
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
1	SG-1	1/30/15	1002	1202	-30.29	-7.72	Air	RM		156	0554		X						+Helium
2	SG-2	↓	1018	1216	-29.41	-7.37	↓	↓		118	0379		X						↓
3	SG-3		1027	1227	-28.93	-1.97				163	0578		X						
4	SG-4		1037	1230	-29.82	-0.79				132	0210		X						
5	SG-5		1101	1205	-29.34	-6.74				321	0562		X						
6	SG-6		1048	1246	-29.22	-6.99				546	0466		X						
7	SG-7		1037	1235	-29.41	-6.37				512	0272		X						

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]	2/2/15 1000	[signature]	
[signature]	2/2/15 1845	Tom Tober	2-3-15 1845
Tom Tober	2-4-15 0045	[signature]	2/4/15 0045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 101-02 (19-Jun-09)